



SINCE 1974 INNOVATIONS FOR  
THE TILE SETTING PROFESSIONAL



## R.L.S. RAIMONDI LEVELLING SYSTEMS

Innovative pro-grade levelling systems since 2009

ENG



## **INNOVATIVE PRO-GRADE LEVELLING SYSTEMS SINCE 2009**

Raimondi range of tile levelling systems consists in 3 mains categories: wedge & clips system, VITE screw levelling system, SOS emergency system.

Raimondi wedge & clips levelling system (RLS) was introduced back in 2009: it was the first fullsize pro-grade wedge & clips levelling system. This groundbreaking innovation soon became the worldwide benchmark thanks to its effectiveness and quality. From that moment our product and range evolved, but still our clips are engineered so to provide highest performances: thus, very high tensile strength and flawless removal. Clips are available from the very thin 0.5 mm (1/64") joint up to 4.8 mm (3/16"). Maximum tile thickness for the wedge & clips levelling system is 20 mm (3/4"). All clips (included the very thin 0.5 and 1 mm) can work in combination with the innovative and unique protector platform which prevents tile damages both on edges and top when installing very delicate tiles such as rectified and/or polished. Wedge & clips levelling system is completed with pliers for easy and precise wedge tightening. In particular, the battery operated Levmatic pliers relieves the user from any fatigue related to the wedge-pushing phase while reducing the installation time.

VITE is Raimondi's screw levelling system. Introduced back in 2017 it is as simple to use as effective. The wide range of clips allows for joint as thin as 1 mm (1/32") and up to 3 mm (1/8") wide. For a maximum tile thickness of 26 mm (1"). VITE system adopts innovative solutions such as the scratch preventing dual-component protector ring to be connected with the seethrough cap so to provide maximum ergonomics and ease of use. The fast spinning-down cap allows for easy and speed installation. To speed up installation even more we designed Vitexpress, a device to be operated together with a common cordless screwdriver for fast caps tightening.

The highly innovative RLS SOS is the first emergency levelling system provided with breakable clip. It is designed to easily complete the levelling of the tile in the event of accidental breakage of a clip of the "main system" occurs; with no need to remove installed tiles. In addition, it can be used to integrate the main levelling system to refine tile levelling. SOS clip is designed to be removed, by breaking it, once tile adhesive is hardened allowing the following advantages: removal is fast and easy, the floor is not stepped on prematurely, no tile damage occurs. Clips are made with a special technopolymer so not to damage the tiles either during insertion and removal phase. In addition to that the dual component protection ring eliminates any risk to scratch the top of tiles, even the most delicate.

Raimondi RLS: the professionals' levelling system since 2009.



## R.L.S. RAIMONDI LEVELLING SYSTEM

### R.L.S. SOS – EMERGENCY LEVELLING SYSTEM

|                                                                               |   |
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| R.L.S. SOS – overview .....                                                   | 2 |
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### R.L.S. WEDGE & CLIP LEVELLING SYSTEM

|                                                                                           |   |
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| Clips for high-thickness tiles.....                                                       | 5 |
| Wedges, protector (Anti-Chipping and Anti-Scratch Platform <sup>MkII</sup> version) ..... | 6 |
| Traction pliers (manual).....                                                             | 6 |
| Levmatic <sup>BATTERY</sup> – battery-powered pliers for tightening RLS wedge .....       | 7 |
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### R.L.S. VITE SCREW TYPE LEVELLING SYSTEM

|                                                           |   |
|-----------------------------------------------------------|---|
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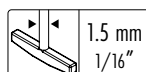
### R.L.S. INDICATIVE CONSUMPTION

|                              |    |
|------------------------------|----|
| Indicative consumption ..... | 10 |
|------------------------------|----|

# R.L.S. SOS – “EMERGENCY” LEVELLING SYSTEM

made in  
ITALY

PATENT  
PENDING



SOS CLIP



CAP



PROTECTION RING

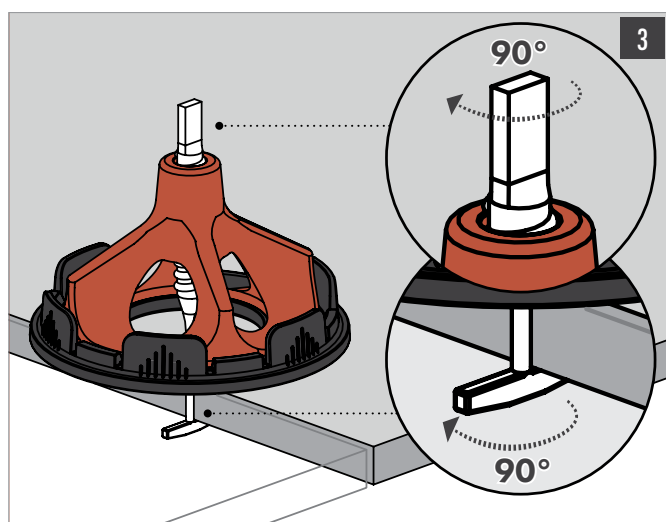
PACKAGE



CARTON BOX

- RLS SOS system is an auxiliary levelling system provided with breakable clips that allows the following:
  - complete the leveling of tiles in case of breakage (in the tightening phase) of a clip of the main leveling system;
  - integrate the main leveling system to refine tile levelling; Without removing tiles.
- It is simple to use and quick to remove. It does not damage the tiles (no scratches nor chipping).
- It is made of 3 elements: SOS clips, caps, protection ring (cap and ring are the same as the VITE Raimondi levelling system).
- Insert SOS clips in the joint (minimum 1.5 mm - 1/16"), rotate them 90° and then tighten by screwing the cap: tile levelling achieved.
- Once tile adhesive has hardened, remove clips by hit them parallel to joint line and thus separating the upper portion of the clip from the part underneath the tiles.
- SOS clip is designed to be removed, by breaking it, once tile adhesive has hardened allowing the following advantages:
  - removal is fast and easy;
  - the floor is not stepped on prematurely;
  - no tile damage (chipping),
  - remove SOS clips simultaneously with main levelling system clips.

- Technopolymer-made clip does not damage the tiles either during insertion or removal.
- Dual component protection ring eliminates any risk to scratch tiles, even the most delicate.
- The SOS clip is made of mineral fibers reinforced technopolymer so to provide the necessary tensile strength to level tiles.
- The number of SOS clips to be used varies according to the type of tile (thickness, weight, size, possible curvature) and leveling requirements. It is suggested to use at least two SOS clips close together.
- For full details about RLS SOS proper use refer to on-line instructions ([www.raimondispa.com/rllsossuse](http://www.raimondispa.com/rllsossuse))
- Requirements for use:
  - Joint (distance between tiles) minimum 1.5 mm (1/16"), maximum 5 mm (13/64");
  - Tile thickness from 3 to 20 mm (3/8" – 3/4");
  - Minimum layer of adhesive underneath the tiles: 3.5 mm (9/64") thickness.
- RLS SOS packaging options:
  - Kit: 100 SOS clips, 30 caps, 30 anti-scratch protection rings. Comes into plastic bucket (Art. 180VSOSKIT0100);
  - Blister: 130 SOS clips (Art. 180VSOS0130).



Read the instructions carefully before use. The following illustrations only provide an overview of how to use the product.

# R.L.S. SOS - "EMERGENCY" LEVELLING SYSTEM - SOS CLIPS + CAPS + PROTECTION RINGS KIT



R.L.S. SOS KIT FOR TILES WITH THICKNESS FROM 3 UP TO 12 mm (1/8"-1/2"). MINIMUM JOINT 1.5 mm (1/16")

| Part No.              |  |  | Description                                                                                                     |  |  |  |  |
|-----------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>180VSOSKIT0100</b> | 8050532031357                                                                     | 6                                                                                 | R.L.S. SOS KIT - "Emergency" levelling system: bucket containing 100 SOS clips, 30 caps and 30 protection rings | 715 gr                                                                            | 25.2 oz                                                                           | 21x59xh 28 cm<br>8 1/8"x23"xh 11"                                                 | 4.9 Kg<br>10.8 lbs                                                                  |



## R.L.S. SOS - "EMERGENCY" LEVELLING SYSTEM - 130 SOS CLIPS BLISTER



R.L.S. SOS CLIPS FOR TILES WITH THICKNESS FROM 3 UP TO 12 mm (1/8"-1/2"). MINIMUM JOINT 1.5 mm (1/16")

| Part No.           |  |  | Description                                                                       |  |        |  |                           |  |         |
|--------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|--------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------------|---------|
| <b>180VSOS0130</b> | 8050532031364                                                                       | 8                                                                                   | R.L.S. SOS CLIPS – “Emergency” levelling system: blister containing 130 SOS clips | 210 gr                                                                              | 7.4 oz | 32x32x h8 cm                                                                         | 12 1/2”x 12 1/2”xh 3 1/8” | 2.1 Kg                                                                                | 4.6 lbs |



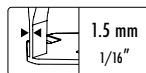
# R.L.S. WEDGE/CLIP - HD (HEAVY DUTY) CLIPS

made in  
ITALY

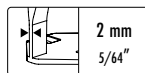
HD  
HEAVY  
DUTY

PATENTED

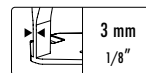
YouTube  
channel  
raimondispa



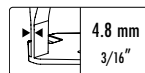
180BAS15B



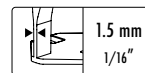
180BAS20B



180BAS30B



180BAS48B



180K0250HD15



- HD clips: the best performing and easiest to use.
- The R.L.S. HD clips (HD stands for "Heavy Duty") offer high tensile strength (vertical load).
- Able to perfectly level even the heaviest tiles.
- The insertion of the wedge under the tile is very easy thanks to the new design.
- The best ease of use in the Raimondi range.
- They are used with the same wedge and the same pliers of all the other Raimondi clips.

- Packaging that allows a better and faster presentation of the product. The boxes containing the bags are equipped with an easily removable corner. The front of the box has clear indications (combination of colors / numbers) to easily identify the type of clip inside the box.
- Stackable boxes to create the desired display combination.
- Kit in box with high quality color printing which contains: 250 HD 1.5 mm (1/16") clips for 3-12 mm (1/8"-1/2") thick tiles, 250 wedges and 1 (manual) floor plier.

## R.L.S. HD (HEAVY DUTY) CLIPS FOR TILES THICKNESS FROM 3 UP TO 12 mm (1/8"-1/2")

| Part No.      |               |    | Description           | Pieces per Bag |                |   |   |   |               |                          |                 |
|---------------|---------------|----|-----------------------|----------------|----------------|---|---|---|---------------|--------------------------|-----------------|
| 180BAS15B0100 | 8050532018778 | 25 | HD clips 100 pezzi    | 100            | 1,5 mm - 1/16" | • | - | - | 60x40xh 31 cm | 23 3/4"x15 3/4"xh12 1/4" | 8,4 Kg 18.5 lbs |
| 180BAS15B0250 | 8050532018785 | 10 | HD clips 250 pcs bag  | 250            | 1,5 mm - 1/16" | • | - | - | 60x40xh 31 cm | 23 3/4"x15 3/4"xh12 1/4" | 8,5 Kg 18.7 lbs |
| 180BAS15B0500 | 8050532018792 | 5  | HD clips 500 pcs bag  | 500            | 1,5 mm - 1/16" | • | - | - | 60x40xh 31 cm | 23 3/4"x15 3/4"xh12 1/4" | 8,5 Kg 18.7 lbs |
| 180BAS15B2200 | 8050532018808 | 1  | HD clips 2200 pcs box | 2200           | 1,5 mm - 1/16" | • | - | - | 30x40xh 43 cm | 12"x15 3/4"xh17"         | 7,3 Kg 16.1 lbs |
| 180BAS20B0250 | 8050532018822 | 10 | HD clips 250 pcs bag  | 250            | 2 mm - 5/64"   | • | - | - | 60x40xh 31 cm | 23 3/4"x15 3/4"xh12 1/4" | 8,6 Kg 18.9 lbs |
| 180BAS20B0500 | 8050532018839 | 5  | HD clips 500 pcs bag  | 500            | 2 mm - 5/64"   | • | - | - | 60x40xh 31 cm | 23 3/4"x15 3/4"xh12 1/4" | 8,6 Kg 18.9 lbs |
| 180BAS20B2200 | 8050532018846 | 1  | HD clips 2200 pcs box | 2200           | 2 mm - 5/64"   | • | - | - | 30x40xh 43 cm | 12"x15 3/4"xh17"         | 7,4 Kg 16.3 lbs |
| 180BAS30B0250 | 8050532018860 | 10 | HD clips 250 pcs bag  | 250            | 3 mm - 1/8"    | • | - | - | 60x40xh 31 cm | 23 3/4"x15 3/4"xh12 1/4" | 8,8 Kg 19.4 lbs |
| 180BAS30B0500 | 8050532018877 | 5  | HD clips 500 pcs bag  | 500            | 3 mm - 1/8"    | • | - | - | 60x40xh 31 cm | 23 3/4"x15 3/4"xh12 1/4" | 8,7 Kg 19.1 lbs |
| 180BAS30B2200 | 8050532018884 | 1  | HD clips 2200 pcs box | 2200           | 3 mm - 1/8"    | • | - | - | 30x40xh 43 cm | 12"x15 3/4"xh17"         | 7,6 Kg 16.7 lbs |
| 180BAS48B0250 | 8050532018907 | 10 | HD clips 250 pcs bag  | 250            | 4,8 mm - 3/16" | • | - | - | 60x40xh 31 cm | 23 3/4"x15 3/4"xh12 1/4" | 8,5 Kg 18.7 lbs |
| 180BAS48B0500 | 8050532018914 | 5  | HD clips 500 pcs bag  | 500            | 4,8 mm - 3/16" | • | - | - | 60x40xh 31 cm | 23 3/4"x15 3/4"xh12 1/4" | 8,5 Kg 18.7 lbs |
| 180BAS48B2200 | 8050532018921 | 1  | HD clips 2200 pcs box | 2200           | 4,8 mm - 3/16" | • | - | - | 30x40xh 43 cm | 12"x15 3/4"xh 17"        | 8 Kg 17.6 lbs   |

## R.L.S. 1,5 MM (1/16") HD (HEAVY DUTY) KIT FOR TILES THICKNESS FROM 3 UP TO 12 MM (1/8"-1/2")

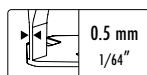
| Part No.            |  |  | Description                                                                                 |  |  |  |  |  |  |
|---------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>180K0250HD15</b> | 8050532021068                                                                       | 1                                                                                   | RLS HD KIT composed by:<br>- 250 HD 1,5 mm (1/16") clips<br>- 250 wedges<br>- 1 floor plier | 1,5 mm - 1/16"                                                                      | •                                                                                    | -                                                                                     | -                                                                                     | 38x29x h22 cm<br>15"x11 1/2"x h8 2/3"                                                 | 4 Kg 8.8 lbs                                                                          |



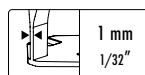
RAIMONDI



PATENTED



180B05H12P



180B10H12P

PACKAGE



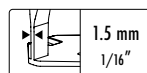
CARTON BOX

**R.L.S. CLIPS 0,5 MM (1/64") & 1 MM (1/32") FOR TILES THICKNESS FROM 3 UP TO 12 MM (1/8"-1/2")**

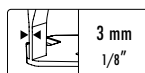
- Clips for extra-thin joints (0,5 mm and 1 mm – 1/64" and 1/32");

- Excellent performance thanks to the combination of high traction capacity and perfect removal.

| Part No.       |               |    | Description                         | Pieces per Bag |                | – | T | + |               |                           |                 |
|----------------|---------------|----|-------------------------------------|----------------|----------------|---|---|---|---------------|---------------------------|-----------------|
| 180B05H12P0300 | 8050532028562 | 6  | 0,5 mm (1/64") clips – 300 pcs bag  | 300            | 0,5 mm - 1/64" | • | - | - | 60x40xh 31 cm | 23 3/4"x15 3/4"xh 12 1/4" | 6,6 Kg 14.5 lbs |
| 180B05H12P1600 | 8050532028579 | 1  | 0,5 mm (1/64") clips – 1600 pcs box | 1600           | 0,5 mm - 1/64" | • | - | - | 30x40xh 43 cm | 12"x15 3/4"xh 17"         | 5,9 Kg 13 lbs   |
| 180B10H12P0100 | 8050532017375 | 16 | 1 mm (1/32") clips – 100 pcs bag    | 100            | 1 mm - 1/32"   | • | - | - | 60x40xh 31 cm | 23 3/4"x15 3/4"xh 12 1/4" | 6 Kg 13.2 lbs   |
| 180B10H12P0300 | 8050532017382 | 6  | 1 mm (1/32") clips – 300 pcs bag    | 300            | 1 mm - 1/32"   | • | - | - | 60x40xh 31 cm | 23 3/4"x15 3/4"xh 12 1/4" | 6,7 Kg 14.8 lbs |
| 180B10H12P1600 | 8050532017399 | 1  | 1 mm (1/32") clips – 1600 pcs box   | 1600           | 1 mm - 1/32"   | • | - | - | 30x40xh 43 cm | 12"x15 3/4"xh 17"         | 6 Kg 13.2 lbs   |



180BAS15...H20



180BAS30...H20



PATENTED

PACKAGE



CARTON BOX

**R.L.S. CLIPS 1,5 MM (1/16") AND 3 MM (1/8") FOR HIGH THICKNESS TILES (FROM 12 TO 20 MM – 1/2" TO 3/4")**

- Clips for tiles with thickness from 12 to 20 mm (from 1/2" to 3/4");
- Available for joints of 1,5 and 3 mm (1/16" and 1/8");

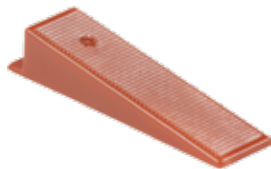
- High traction capacity and perfect removal.

| Part No.         |               |    | Description                              | Pieces per Bag |                | – | T | + |               |                            |                 |
|------------------|---------------|----|------------------------------------------|----------------|----------------|---|---|---|---------------|----------------------------|-----------------|
| 180BAS15A0200H20 | 8050532028142 | 10 | 1,5 mm (1/16") HIGH clips – 200 pcs bag  | 200            | 1,5 mm - 1/16" | • | - | - | 60x40xh 31 cm | 23 3/4"x15 3/4"xh 12 1/4"  | 7,6 Kg 16.7 lbs |
| 180BAS15A0400H20 | 8050532028159 | 5  | 1,5 mm (1/16") HIGH clips – 400 pcs bag  | 400            | 1,5 mm - 1/16" | • | - | - | 60x40xh 31 cm | 23 3/4"x15 3/4"xh 12 1/4"  | 7,6 Kg 16.7 lbs |
| 180BAS15A1700H20 | 8050532028166 | 1  | 1,5 mm (1/16") HIGH clips – 1700 pcs bag | 1700           | 1,5 mm - 1/16" | • | - | - | 30x40xh 43 cm | 12"x15 3/4"xh 17"          | 7 Kg 15.4 lbs   |
| 180BAS30A0200H20 | 8050532028470 | 10 | 3 mm (1/8") HIGH clips – 200 pcs bag     | 200            | 3 mm - 1/8"    | • | - | - | 60x40xh 31 cm | 23 3/4"x15 3/4"xh 12 1/4"  | 7,8 Kg 17.2 lbs |
| 180BAS30A0400H20 | 8050532028487 | 5  | 3 mm (1/8") HIGH clips – 400 pcs bag     | 400            | 3 mm - 1/8"    | • | - | - | 60x40xh 31 cm | 23 3/4"x 15 3/4"xh 12 1/4" | 7,8 Kg 17.2 lbs |
| 180BAS30A1700H20 | 8050532028494 | 1  | 3 mm (1/8") HIGH clips – 1700 pcs bag    | 1700           | 3 mm - 1/8"    | • | - | - | 30x40xh 43 cm | 12"x15 3/4"xh 17"          | 7,2 Kg 15.8 lbs |



## RLS. WEDGE/CLIP - WEDGES

made in  
ITALY



180CUNEO



180CU500SE



CARTON BOX

### RLS. WEDGE (SUITABLE FOR ALL CLIPS)

- Robust and reusable;
- Suitable for all clips of RLS. Wedge/Clip system;

- Dimensions: 92x23xh 17 mm (3 5/8"x29/32"xh 43/64").

| Part No.     |               |    | Description                           |                   |                               |         |          |
|--------------|---------------|----|---------------------------------------|-------------------|-------------------------------|---------|----------|
| 180CUNEO100  | 8024648067944 | 12 | RLS Wedge - 100 pz pieces bag         | 60 x 40 x h 31 cm | 23 5/8" x 15 3/4" x h 12 1/4" | 11,7 Kg | 25.8 lbs |
| 180CUNEO250  | 8024648011947 | 6  | RLS Wedge - 250 pz pieces bag         | 60 x 40 x h 31 cm | 23 5/8" x 15 3/4" x h 12 1/4" | 11,7 Kg | 25.8 lbs |
| 180CUNEO500  | 8024648011954 | 3  | RLS Wedge - 500 pz pieces bag         | 60 x 40 x h 31 cm | 23 5/8" x 15 3/4" x h 12 1/4" | 11,7 Kg | 25.8 lbs |
| 180CUNEO1000 | 8024648069818 | 1  | RLS Wedge - 1000 pz pieces bag        | 30 x 40 x h 42 cm | 11 1/2" x 16" x h 16 1/2"     | 8,2 Kg  | 16.3 lbs |
| 180CU500SE   | 8024648072603 | 2  | RLS Wedge - 500 pieces plastic bucket | 62 x 42 x h 36 cm | 25 1/2" x 16 1/2" x h 14"     | 10,8 Kg | 23.8 lbs |

## RLS. WEDGE/CLIP - PROTECTOR: ANTI-CHIPPING AND SCRATCH-PREVENTIVE PLATFORM (M<sup>kill</sup> VERSION)

made in  
ITALY  
PATENT  
PENDING



180AGS0250V2



### COMPATIBILITY WITH CLIPS R.L.S.

| RLS.<br>HD | RLS.<br>HIGH THICKNESS | RLS.<br>0,5mm | RLS.<br>1 mm | RLS.<br>3D | RLS.<br>VITE |
|------------|------------------------|---------------|--------------|------------|--------------|
| •          | •                      | •             | •            | •          | —            |



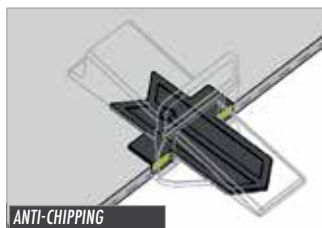
CARTON BOX

- Anti-Chipping (protects tile edges) and Anti-Scratch Platform to be used in combination with RLS wedge/clip system. It prevents potential damage in laying very delicate tiles such as certain rectified and/or polished tiles.
- It's fully compatible with all levelling clips within the RLS wedge/clip system, including extra-thin clips for 0.5 mm (1/64") and 1 mm (1/32") spacing.
- The platform fulfils two simultaneous functions:
  1. Anti-chipping (tile edge protection): it prevents the stems of the RLS clip from coming in touch with the edge of the tile when fitting and tightening the wedge, thanks to a special tab that sits between the edge of the tile and the stems of the clip;

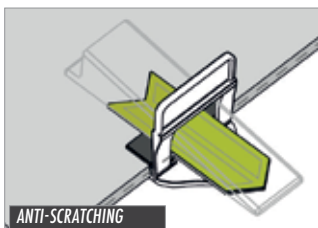
2. Anti-scratch: since the wedge does not touch the tile but simply slides on the platform. The platform can be repeatedly reused.
- Using of the platform keeps the performance of the clips unaltered in terms of maximum and minimum thickness of the tiles to be levelled.
- It increases the joint size by 0.5 mm (0.019 inches) to perform its anti-chipping function. Example: while being used with a 1 mm (1/32") levelling clip, the total joint size will become 1.5 mm (1/16").
- It is recommended to remove the levelling clips using a non-staining rubber mallet.
- For correct use, please review our online instruction sheet ([www.raimondispa.com/protectoruse](http://www.raimondispa.com/protectoruse))
- Supplied packed into a handy plastic bucket for easy storage.

### PROTECTOR - ANTI-CHIPPING AND SCRATCH-PREVENTIVE PLATFORM (M<sup>kill</sup> VERSION)

| Part No.     |               |   | Description                                                                | Pieces<br>per Bag |        |       |               |                  |                |
|--------------|---------------|---|----------------------------------------------------------------------------|-------------------|--------|-------|---------------|------------------|----------------|
| 180AGS0250V2 | 8050532032057 | 6 | Protector <sup>Mkill</sup> - anti-chipping and scratch-preventive platform | 250               | 600 gr | 21 oz | 21x59xh 28 cm | 8 1/8"x23"xh 11" | 4.4 Kg 9.7 lbs |



ANTI-CHIPPING



ANTI-SCRATCHING



## RLS. WEDGE/CLIP -TRACTION-ADJUSTABLE-PLIERS (MANUAL)

made in  
ITALY  
PATENTED



231 N



231 NRIV



CARTON BOX

- Traction-adjustable pliers for tightening the wedge of the RLS Wedge/Clip system;
- For tiles with thickness from 3 to 20 mm (from 1/8" to 3/4");

- Available in floor version and wall version;
- The steel frame guarantees sturdiness and reliability.

### RLS TRACTION-ADJUSTABLE-PLIERS (MANUAL)

| Part No. |               |   | Description                          |                  |                             |      |         |
|----------|---------------|---|--------------------------------------|------------------|-----------------------------|------|---------|
| 231N     | 8024648072627 | 4 | Adjustable pliers for floor covering | 32 x 32 x h 8 cm | 12 5/8" x 12 5/8" x h 5/16" | 2 Kg | 4.4 lbs |
| 231 NRIV | 8024648072634 | 4 | Adjustable pliers for wall covering  | 32 x 32 x h 8 cm | 12 5/8" x 12 5/8" x h 5/16" | 2 Kg | 4.4 lbs |

RAIMONDI

## R.L.S. WEDGE/CLIP – LEVMATIC<sup>BATTERY</sup> : BATTERY-POWERED PLIERS FOR TIGHTENING RLS WEDGE



PACKAGE



CARTON BOX

- Battery powered plier for pushing the wedge of RLS leveling system into clips (also suitable with most common wedge/clip leveling systems);
- Relieves the operator from any fatigue related to the wedge pushing phase;
- The plier can be easily adjusted according to the tile thickness. Adjustment is simple, quick and accurate thanks to the front adjustable fork with gauge ruler indicator (metric);
- The plier has been designed to be fully suitable for both right-handed and left-handed operators;

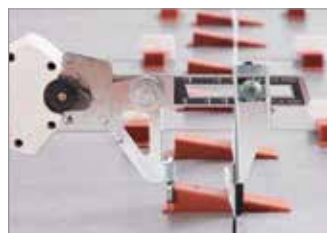
- Equipped with brushless motor which does not require maintenance;
- Plier is fed with a 20V-2Ah removable battery (included);
- Plier is supplied with a 4Ah battery charger;
- Weight of the plier + battery alone: 1,6 Kg (3.5 lbs);
- Supplied with: carry bag, battery, battery charger, user and maintenance manual.

### MODEL AND SPECIFICATION

| Part No.          |               |   | Description                                                                                                                               |        |         |                   |
|-------------------|---------------|---|-------------------------------------------------------------------------------------------------------------------------------------------|--------|---------|-------------------|
| <b>231 LEVBEU</b> | 8050532027879 | 1 | LEVOMATIC <sup>BATTERY</sup> – Battery powered plier for tightening RLS wedge. Equipped with transport bag. Battery and charger included. | 2,9 Kg | 6.4 lbs | 45 x 23 x h 16 cm |

### SPARE PARTS

| Part No.          |               |   | Description                    |
|-------------------|---------------|---|--------------------------------|
| <b>396CB01RIC</b> | 8050532027947 | 1 | 20V 2ah battery in blister     |
| <b>396CC01RIC</b> | 8050532027978 | 1 | 230V 50 / 60Hz battery charger |



## R.L.S. WEDGE/CLIP – LEVMATIC<sup>AIR</sup>: PNEUMATIC PLIER FOR TIGHTENING RLS WEDGE



PACKAGE



CARTON BOX

- Pneumatic plier for pushing the wedge of RLS leveling system into clips (also suitable with most common wedge/clip leveling systems).
- Relieves the operator from any fatigue related to the wedge pushing phase.
- The plier can be easily adjusted according to the tile thickness. Adjustment is simple, quick and accurate thanks to the front adjustable fork with gauge ruler indicator (metric).
- Pushing can be adjusted via knob to set the required speed of the wedge to maximize system performances.
- The plier has been designed to be fully suitable for both right-handed and left-handed operators.

- LEVMATIC<sup>AIR</sup> must be fed by an air compressor with tank (recommended 5 liters - 1.3 gal minimum), dual pressure gauge and pressure regulator.
- Minimum recommended working pressure 5 bar (max 8 bar).
- Supplied with fed extension, 9 meters of length (29.5 feet).
- Equipped with hook for hanging it onto waist belt.
- Supplied with carry bag
- Air compressor not included.

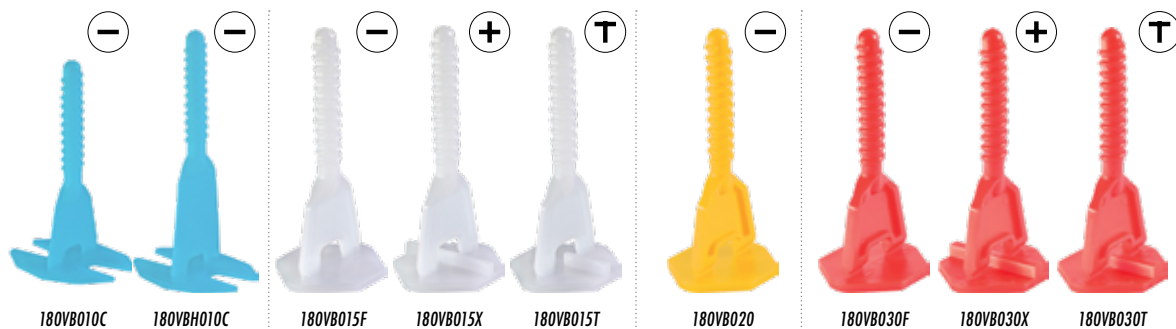
### MODEL AND SPECIFICATION

| Part No.          |               |   | Description                                                                                                            |        |         |                   |
|-------------------|---------------|---|------------------------------------------------------------------------------------------------------------------------|--------|---------|-------------------|
| <b>231 ARIACS</b> | 8050532023086 | 1 | LEVOMATIC <sup>AIR</sup> - Pneumatic plier for pushing RLS wedge. Supplied with carry bag. Air compressor not included | 1,1 Kg | 2.4 lbs | 45 x 23 x h 16 cm |



# R.L.S. VITE - CLIPS

made in  
ITALY



PACKAGE



CARTON BOX

- Levelling system made up of cap and clips.
- Wide range of clips for joints of 1 - 1,5 - 2 and 3 mm (1/32"; 1/16"; 5/64"; 1/8").
- Insert the cap in the clip throat and with just to fingers twist it down by acting on the grip point: it reaches the tile in a second ("spinning top" effect). Then tight the cap so to level the tiles (remove lippages).
- Once the adhesive is set, remove the cap by beating it with a white rubber mallet (or with the foot). Beat parallel to the joint line. As an alternative, unscrew the cap, remove it and beat directly on the clip (parallel to the joint line).
- The cap is designed to provide maximum ergonomics and finger grips both for starting cap rotation on the clip and for applying the necessary force for levelling tiles (lippage removal) with ease.

- The cap hollow-design allows the user to see the grout joint. This makes it suitable to be use both on tiles sides and intersections.
- 1,5 mm and 3 mm clips (1/16" and 1/8") are available in models: FLAT (standard) for use along tile sides; CROSS (+) for use into tile intersections in + layout; "T" for use into tile intersections in T layout.
- 1 mm (1/32") clips available in two versions: for tiles thickness from 3 to 15 mm (1/8"-19/32") for tiles thickness from 14 to 26 mm (9/16" - 1"). This is ideal also for natural stones installation.
- The cap works on both clips.
- Self-stopping scratch-preventing washer with rubber ring and VITEXPRESS available as accessories.

## R.L.S. VITE CLIPS 1 MM (1/32") FOR TILES THICKNESS FROM 3 UP TO 15 MM (1/8"-19/32")

| Part No.             |  |  | Description                                                            | Pieces per Bag | Type |  |       |  |                               |  |          |
|----------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------|----------------|------|-------------------------------------------------------------------------------------|-------|-------------------------------------------------------------------------------------|-------------------------------|-------------------------------------------------------------------------------------|----------|
| <b>180VB010C0100</b> | 8050532002982                                                                     | 30                                                                                | R.L.S. Vite clip for tile thickness; joint 1 mm (1/32") - 100 pcs bags | 100            | —    | 1 mm                                                                                | 1/32" | 60x40x h31 cm                                                                       | 23 5/8" x 15 3/4" x h 12 1/4" | 7,2 Kg                                                                              | 15.9 lbs |
| <b>180VB010C0300</b> | 8050532002999                                                                     | 12                                                                                | R.L.S. Vite clip for tile thickness; joint 1 mm (1/32") - 300 pcs bags | 300            | —    | 1 mm                                                                                | 1/32" | 60x40x h31 cm                                                                       | 23 5/8" x 15 3/4" x h 12 1/4" | 8,3 Kg                                                                              | 18.3 lbs |
| <b>180VB010C3000</b> | 8050532003002                                                                     | 1                                                                                 | R.L.S. Vite clip for tile thickness; joint 1 mm (1/32") - 3000 pcs box | 3000           | —    | 1 mm                                                                                | 1/32" | 30x40x h42 cm                                                                       | 11 1/2" x 16" x h 16 1/2"     | 6,7 Kg                                                                              | 14.8 lbs |

## R.L.S. VITE CLIPS 1 MM JOINT FOR TILE THICKNESS FROM 14 MM UP TO 26 MM (17/32" - 1/8" - 1 1/32")

| Part No.              |  |  | Description                                                            | Pieces per Bag | Type |  |  |  |
|-----------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------|----------------|------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>180VBH010C0100</b> | 8050532002944                                                                       | 25                                                                                  | R.L.S. Vite clip for tile thickness; joint 1 mm (1/32") - 100 pcs bags | 100            | —    | 1 mm 1/32"                                                                            | 60x40x h31 cm 23 5/8" x 15 3/4" x h 12 1/4"                                           | 6,6 Kg 14.5 lbs                                                                       |
| <b>180VBH010C0300</b> | 8050532002951                                                                       | 10                                                                                  | R.L.S. Vite clip for tile thickness; joint 1 mm (1/32") - 300 pcs bags | 300            | —    | 1 mm 1/32"                                                                            | 60x40x h31 cm 23 5/8" x 15 3/4" x h 12 1/4"                                           | 7,5 Kg 16.5 lbs                                                                       |
| <b>180VBH010C2500</b> | 8050532002968                                                                       | 1                                                                                   | R.L.S. Vite clip for tile thickness; joint 1 mm (1/32") - 2500 pcs box | 2500           | —    | 1 mm 1/32"                                                                            | 30x40x h42 cm 11 1/2" x 16" x h 16 1/2"                                               | 6,3 Kg 13.9 lbs                                                                       |

## R.L.S. VITE CLIPS 1,5 MM (1/16") | "FLAT" FOR TILES THICKNESS FROM 3 UP TO 15 MM (1/8"-19/32") AND "CROSS" & "T" CLIPS FOR TILES THICKNESS FROM 5 UP TO 15 MM (13/64"-19/32")

| Part No.              |  |  | Description                      |                      |              |      | Pieces<br>per Bag | Type         |  |  |  |          |
|-----------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------|----------------------|--------------|------|-------------------|--------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|
| <b>180VB015FC0100</b> | 8050532012578                                                                       | 40                                                                                  | Standard (flat) R.L.S. VITE clip | 1,5 mm nominal joint | 100 pcs bag  | 100  | —                 | 1,5 mm 1/16" | 60x40x h30 cm                                                                         | 25 5/8" x 15 3/4" x h 12"                                                             | 9,3 Kg                                                                                | 20.4 lbs |
| <b>180VB015FC0300</b> | 8050532012585                                                                       | 16                                                                                  | Standard (flat) R.L.S. VITE clip | 1,5 mm nominal joint | 300 pcs bag  | 100  | —                 | 1,5 mm 1/16" | 60x40x h30 cm                                                                         | 25 5/8" x 15 3/4" x h 12"                                                             | 10,7 Kg                                                                               | 23.6 lbs |
| <b>180VB015FC3000</b> | 8050532012592                                                                       | 1                                                                                   | Standard (flat) R.L.S. VITE clip | 1,5 mm nominal joint | 3000 pcs box | 3000 | —                 | 1,5 mm 1/16" | 40x30x h32 cm                                                                         | 15 3/4" x 12" x h 12 1/2"                                                             | 10,1 Kg                                                                               | 22.3 lbs |
| <b>180VB015XC0100</b> | 8050532012639                                                                       | 40                                                                                  | "+" (cross) R.L.S. VITE clip     | 1,5 mm nominal joint | 100 pcs bag  | 100  | +                 | 1,5 mm 1/16" | 60x40x h30 cm                                                                         | 25 5/8" x 15 3/4" x h 12"                                                             | 9,6 Kg                                                                                | 21.2 lbs |
| <b>180VB015XC0300</b> | 8050532012646                                                                       | 16                                                                                  | "+" (cross) R.L.S. VITE clip     | 1,5 mm nominal joint | 300 pcs bag  | 300  | +                 | 1,5 mm 1/16" | 60x40x h30 cm                                                                         | 25 5/8" x 15 3/4" x h 12"                                                             | 11,1 Kg                                                                               | 24.5 lbs |
| <b>180VB015TC0100</b> | 8050532012608                                                                       | 40                                                                                  | "T" R.L.S. VITE clip             | 1,5 mm nominal joint | 100 pcs bag  | 100  | T                 | 1,5 mm 1/16" | 60x40x h30 cm                                                                         | 25 5/8" x 15 3/4" x h 12"                                                             | 9,5 Kg                                                                                | 21 lbs   |
| <b>180VB015TC0300</b> | 8050532012615                                                                       | 16                                                                                  | "T" R.L.S. VITE clip             | 1,5 mm nominal joint | 300 pcs bag  | 300  | T                 | 1,5 mm 1/16" | 60x40x h30 cm                                                                         | 25 5/8" x 15 3/4" x h 12"                                                             | 11 Kg                                                                                 | 24.2 lbs |

## R.L.S. VITE CLIPS 2 MM R.L.S. VITE "FLAT" FOR TILES THICKNESS FROM 3 UP TO 15 MM (1/8"-19/32")

| Part No.              |  |  | Description                      |                    |              |     | Pieces per Bag | Type  |  |  |  |
|-----------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------|--------------------|--------------|-----|----------------|-------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>180VB015FC0100</b> | 8050532012578                                                                       | 40                                                                                  | Standard (flat) R.L.S. VITE clip | 2 mm nominal joint | 300 pcs bag  | 100 | ■ 1,5 mm       | 1/16" | 60x40x h30 cm                                                                         | 25 5/8" x 15 3/4" x h 12"                                                             | 9,3 Kg 20.4 lbs                                                                       |
| <b>180VB015FC0300</b> | 8050532012585                                                                       | 16                                                                                  | Standard (flat) R.L.S. VITE clip | 2 mm nominal joint | 3000 pcs box | 100 | ■ 1,5 mm       | 1/16" | 60x40x h30 cm                                                                         | 25 5/8" x 15 3/4" x h 12"                                                             | 10,7 Kg 23.6 lbs                                                                      |

## R.L.S. VITE CLIPS 3 MM (1/8") | "FLAT" FOR TILES THICKNESS FROM 3 UP TO 15 MM (1/8"-19/32") AND "CROSS" & "T" CLIPS FOR TILES THICKNESS FROM 5 UP TO 15 MM (13/64"-19/32")

| Part No.              |  |  | Description                                                          | Pieces per Bag | Type |  |  |  |                    |
|-----------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------|------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------|
| <b>180VB030FC0100</b> | 8050532012660                                                                       | 40                                                                                  | Standard (flat) R.L.S. VITE clip   3 mm nominal joint   100 pcs bag  | 100            | -    | 3 mm                                                                                | 1/8"                                                                                | 60x40x h30 cm   25 5/8" x 15 3/4" x h 12"                                           | 9,9 Kg   21.9 lbs  |
| <b>180VB030FC0300</b> | 8050532012677                                                                       | 16                                                                                  | Standard (flat) R.L.S. VITE clip   3 mm nominal joint   300 pcs bag  | 300            | -    | 3 mm                                                                                | 1/8"                                                                                | 60x40x h30 cm   25 5/8" x 15 3/4" x h 12"                                           | 11,5 Kg   25.3 lbs |
| <b>180VB030FC3000</b> | 8050532012684                                                                       | 1                                                                                   | Standard (flat) R.L.S. VITE clip   3 mm nominal joint   3000 pcs box | 3000           | -    | 3 mm                                                                                | 1/8"                                                                                | 40x30x h32 cm   15 3/4" x 12" x 12 1/2"                                             | 10,6 Kg   23.4 lbs |
| <b>180VB030XC0100</b> | 8050532012721                                                                       | 40                                                                                  | "+" (cross) R.L.S. VITE clip   3 mm nominal joint   100 pcs bag      | 100            | +    | 3 mm                                                                                | 1/8"                                                                                | 60x40x h30 cm   25 5/8" x 15 3/4" x h 12"                                           | 10,3 Kg   22.7 lbs |
| <b>180VB030XC0300</b> | 8050532012738                                                                       | 16                                                                                  | "+" (cross) R.L.S. VITE clip   3 mm nominal joint   300 pcs bag      | 300            | +    | 3 mm                                                                                | 1/8"                                                                                | 60x40x h30 cm   25 5/8" x 15 3/4" x h 12"                                           | 11,9 Kg   26.3 lbs |
| <b>180VB030TC0100</b> | 8050532012691                                                                       | 40                                                                                  | "T" R.L.S. VITE clip   3 mm nominal joint   100 pcs bag              | 100            | +    | 3 mm                                                                                | 1/8"                                                                                | 60x40x h30 cm   25 5/8" x 15 3/4" x h 12"                                           | 10,6 Kg   23.5 lbs |
| <b>180VB030TC0300</b> | 8050532012707                                                                       | 16                                                                                  | "T" R.L.S. VITE clip   3 mm nominal joint   300 pcs bag              | 300            | +    | 3 mm                                                                                | 1/8"                                                                                | 60x40x h30 cm   25 5/8" x 15 3/4" x h 12"                                           | 12,4 Kg   27.2 lbs |



RAIMONDI

PATENTED



180VGH

PATENTED



180VAGR



231VSA



BLISTER

made in  
ITALY

PACKAGE



CARTON BOX



180VVP15F

## R.L.S. VITE CAP

| Part No.   |               |    | Description                    | Pieces per Bag |                 |                               |        |          |
|------------|---------------|----|--------------------------------|----------------|-----------------|-------------------------------|--------|----------|
| 180VGH0100 | 8050532003026 | 12 | R.L.S. Vite cap - 100 pcs bags | 100            | 60x40 x h 31 cm | 23 5/8" x 15 3/4" x h 12 1/4" | 9,7 Kg | 21.4 lbs |
| 180VGH0300 | 8050532003033 | 4  | R.L.S. Vite cap - 300 pcs bags | 300            | 60x40 x h 31 cm | 23 5/8" x 15 3/4" x h 12 1/4" | 9,6 Kg | 21.2 lbs |
| 180VGH0900 | 8050532004276 | 1  | R.L.S. Vite cap - 900 pcs box  | 900            | 30x40 x h 42 cm | 11 1/2" x 16" x h 16 1/2"     | 7,5 Kg | 16.5 lbs |

## SELF-STOPPING SCRATCH-PREVENTING WASHER WITH SOFT RUBBER RING

- The washer for RLS VITE had been developed to prevent to scratch tiles characterized by a particularly delicate top finishing.
- In addition to that it also prevents the tiles to eventually move when tightening the RLS VITE Cap.
- The washer is designed to be connected to the RLS VITE cap for the maximum ease of use.
- It features an exclusive soft rubber ring that once it gets in contact with the tiles prevents the washer to rotate when tightening the cap.
- The rubber ring on the one hand avoids any risk of scratching the tiles, on the other allows to tighten the cap without having to hold the washer with your hand.

- The use of the washer does not affect the clips performances in terms of maximum and minimum thickness of the tiles to be leveled which therefore remain from 3 to 15 mm (1/8" – 5/8") for the standard clip and 14-26 mm (17/32"-1 1/32") for the tall clips.
- The washer can be removed from the cap if its use is not needed.
- It is recommended to perform the final removal phase with a hammer.

| Part No.    |               |   | Description                                                                | Pieces per Bag |             |                              |        |         |
|-------------|---------------|---|----------------------------------------------------------------------------|----------------|-------------|------------------------------|--------|---------|
| 180VAGR0100 | 8050532007239 | 4 | Self-stopping scratch-preventing washer with soft rubber ring for RLS VITE | 100            | 40x40x15 cm | 15 3/4" x 15 3/4" x h 4 3/4" | 2,9 Kg | 6.3 lbs |

## VITEXPRESS

- The multifunction device simplifies and speeds up the use of the RLS VITE system during its installation & removal process.
- Equipped with an 8 mm hexagonal shaft, it is suitable with the most popular cordless drills available on the market.
- It performs 4 functions:
  1. Screw: it allows a fast tightening of the cap onto leveling clip until it sits onto tile/slab, a consistent tightening torque can be set via the clutch adjustment onto screwdriver to achieve a perfect leveling.
  2. Unscrew: it allows you to quickly and comfortably unscrew the cap by reversing rotation of the

screwdriver.

3. Remove: it allows an innovative clip removal. Simply setting the tightening torque to the max level to properly break the clips with accuracy.

4. Pull apart: when the leveling job is finished, it allows to quickly removing the cap from the upper/broken section of the clips.

- It can be used to twist the individual cap as well as the cap equipped with the new anti-scratch washer.
- It can be used both on floor and on wall.
- Drill not included.
- Sold in transparent blister with dedicated graphic.

| Part No. |               |   | Description                                         |                |                  |                 |        |         |
|----------|---------------|---|-----------------------------------------------------|----------------|------------------|-----------------|--------|---------|
| 231VSA   | 8050532009059 | 6 | VITEXPRESS - screw   unscrew for R.L.S. VITE system | 60 gr   2.1 oz | 33 x 17 x h 8 cm | 13" x 7" x h 3" | 900 gr | 31.7 oz |

## VITE VALUE PACK

- Ideal kit to approach the VITE leveling system;
- Vite Value Pack contains 1000 FLAT clips for 1,5 mm joints (1/16"), 300 caps and 5 scratch-preventing washer (samples);

- The quantity of product inside the kit allows to install several square meters (for example over 25 sq m with 60x60 cm tiles – 270sq ft with 23 5/8"x23 5/8" tiles);
- Cardboard with four-color printing.

| Part No.  |               |   | Description                                                                                                                          |                 |                   |                       |        |         |
|-----------|---------------|---|--------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------|-----------------------|--------|---------|
| 180VVP15F | 8050532018457 | 1 | Kit VITE VALUE PACK composed by:<br>- 1000 1,5 mm (1/16") VITE clips (flat)<br>- 300 caps<br>- 5 scratch-preventing washer (samples) | 4,4 gr   9.7 oz | 30 x 40 x h 28 cm | 11 1/2" x 16" x h 11" | 5,1 gr | 11.2 oz |

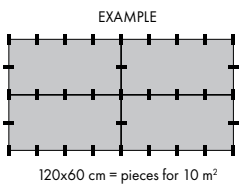


**INDICATIVE CONSUMPTION FOR 10 SQM (BOTH VALID FOR CLIP/WEDGE SYSTEM AND SCREW SYSTEM)****Use on tile intersections (VITE clip and 3D clip)**

| A cm |      |     |     |     |     |    |    |    |     |     |     |     |     |  |  |      |  |  |
|------|------|-----|-----|-----|-----|----|----|----|-----|-----|-----|-----|-----|--|--|------|--|--|
| 10   | 1023 |     |     |     |     |    |    |    |     |     |     |     |     |  |  |      |  |  |
| 20   | 279  | 143 |     |     |     |    |    |    |     |     |     |     |     |  |  |      |  |  |
| 30   | 506  | 250 | 270 |     |     |    |    |    |     |     |     |     |     |  |  |      |  |  |
| 40   | 395  | 195 | 202 | 151 |     |    |    |    |     |     |     |     |     |  |  |      |  |  |
| 50   | 316  | 156 | 166 | 124 | 102 |    |    |    |     |     |     |     |     |  |  |      |  |  |
| 60   | 346  | 170 | 165 | 122 | 101 | 85 |    |    |     |     |     |     |     |  |  |      |  |  |
| 80   | 329  | 161 | 138 | 101 | 84  | 71 | 59 |    |     |     |     |     |     |  |  |      |  |  |
| 90   | 298  | 146 | 128 | 94  | 78  | 66 | 56 | 53 |     |     |     |     |     |  |  |      |  |  |
| 100  | 360  | 176 | 148 | 108 | 90  | 76 | 62 | 59 | 65  |     |     |     |     |  |  |      |  |  |
| 120  | 312  | 152 | 122 | 88  | 74  | 62 | 48 | 46 | 50  | 38  |     |     |     |  |  |      |  |  |
| 150  | 312  | 152 | 122 | 88  | 74  | 62 | 48 | 46 | 50  | 38  | 38  |     |     |  |  |      |  |  |
| 160  | 358  | 174 | 126 | 90  | 76  | 64 | 44 | 43 | 45  | 32  | 32  | 23  |     |  |  |      |  |  |
| 180  | 327  | 159 | 116 | 83  | 70  | 59 | 41 | 40 | 42  | 30  | 30  | 22  | 21  |  |  |      |  |  |
| 200  | 327  | 159 | 116 | 83  | 70  | 59 | 41 | 40 | 42  | 30  | 30  | 22  | 21  |  |  |      |  |  |
| 240  | 234  | 114 | 86  | 62  | 52  | 44 | 32 | 31 | 33  | 24  | 24  | 19  | 18  |  |  |      |  |  |
| 260  | 265  | 129 | 96  | 69  | 58  | 49 | 35 | 34 | 36  | 26  | 26  | 20  | 19  |  |  |      |  |  |
| 300  | 265  | 129 | 96  | 69  | 58  | 49 | 35 | 34 | 36  | 26  | 26  | 20  | 19  |  |  |      |  |  |
| 320  | 248  | 120 | 80  | 56  | 48  | 40 | 24 | 24 | 24  | 16  | 16  | 8   | 8   |  |  |      |  |  |
| 400  | 248  | 120 | 80  | 56  | 48  | 40 | 24 | 24 | 24  | 16  | 16  | 8   | 8   |  |  |      |  |  |
|      | 10   | 20  | 30  | 40  | 50  | 60 | 80 | 90 | 100 | 120 | 150 | 160 | 180 |  |  | B cm |  |  |

A diagram showing a square with side length A and a rectangle with side length B. The square is shaded gray and has a double-headed arrow indicating its height is A. The rectangle is also shaded gray and has a double-headed arrow indicating its width is B.

A diagram showing a 120x60 cm area divided into 10 m² pieces. The area is represented by a grid of 10 squares, each labeled "120x60 cm = pieces for 10 m²". The grid is shaded gray and has a double-headed arrow indicating its width is 120 cm.

**Use on tile sides (all clips)**

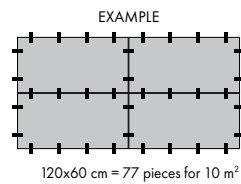
| A cm |      |     |     |     |     |     |    |    |     |     |     |     |     |      |  |  |  |  |
|------|------|-----|-----|-----|-----|-----|----|----|-----|-----|-----|-----|-----|------|--|--|--|--|
| 10   | 1984 |     |     |     |     |     |    |    |     |     |     |     |     |      |  |  |  |  |
| 20   | 976  | 480 |     |     |     |     |    |    |     |     |     |     |     |      |  |  |  |  |
| 30   | 971  | 475 | 420 |     |     |     |    |    |     |     |     |     |     |      |  |  |  |  |
| 40   | 720  | 352 | 307 | 224 |     |     |    |    |     |     |     |     |     |      |  |  |  |  |
| 50   | 595  | 291 | 256 | 187 | 156 |     |    |    |     |     |     |     |     |      |  |  |  |  |
| 60   | 501  | 245 | 215 | 157 | 131 | 110 |    |    |     |     |     |     |     |      |  |  |  |  |
| 80   | 468  | 228 | 183 | 132 | 111 | 93  | 72 |    |     |     |     |     |     |      |  |  |  |  |
| 90   | 437  | 213 | 173 | 125 | 105 | 88  | 69 | 66 |     |     |     |     |     |      |  |  |  |  |
| 100  | 499  | 243 | 193 | 139 | 117 | 98  | 75 | 72 | 78  |     |     |     |     |      |  |  |  |  |
| 120  | 405  | 197 | 152 | 109 | 92  | 77  | 57 | 55 | 59  | 44  |     |     |     |      |  |  |  |  |
| 150  | 405  | 197 | 152 | 109 | 92  | 77  | 57 | 55 | 59  | 44  | 44  |     |     |      |  |  |  |  |
| 160  | 404  | 196 | 141 | 100 | 85  | 71  | 48 | 47 | 49  | 35  | 35  | 24  |     |      |  |  |  |  |
| 180  | 373  | 181 | 131 | 93  | 79  | 66  | 45 | 44 | 46  | 33  | 33  | 23  | 22  |      |  |  |  |  |
| 200  | 373  | 181 | 131 | 93  | 79  | 66  | 45 | 44 | 46  | 33  | 33  | 23  | 22  |      |  |  |  |  |
| 240  | 280  | 136 | 101 | 72  | 61  | 51  | 36 | 35 | 37  | 27  | 27  | 20  | 19  |      |  |  |  |  |
| 260  | 311  | 151 | 111 | 79  | 67  | 56  | 39 | 38 | 40  | 29  | 29  | 21  | 20  |      |  |  |  |  |
| 300  | 311  | 151 | 111 | 79  | 67  | 56  | 39 | 38 | 40  | 29  | 29  | 21  | 20  |      |  |  |  |  |
| 320  | 248  | 120 | 80  | 56  | 48  | 40  | 24 | 24 | 24  | 16  | 16  | 8   | 8   |      |  |  |  |  |
| 400  | 248  | 120 | 80  | 56  | 48  | 40  | 24 | 24 | 24  | 16  | 16  | 8   | 8   |      |  |  |  |  |
|      | 10   | 20  | 30  | 40  | 50  | 60  | 80 | 90 | 100 | 120 | 150 | 160 | 180 | B cm |  |  |  |  |

A

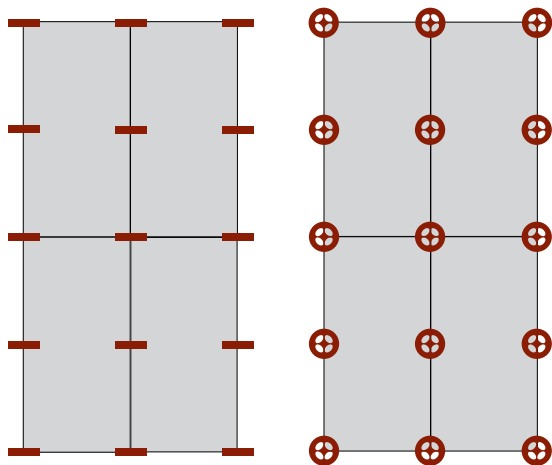
B

EXAMPLE

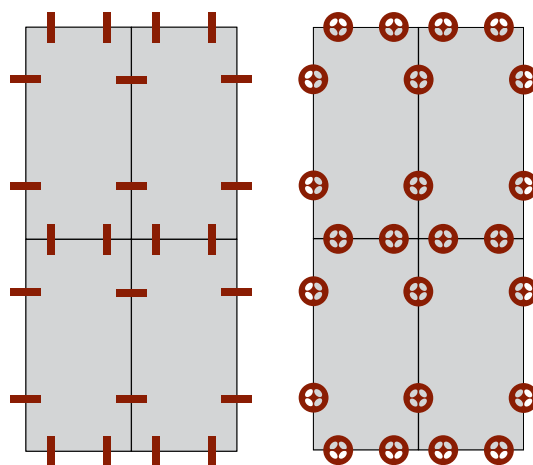
120x60 cm = 77 pieces for 10 m<sup>2</sup>

**LAYOUT EXAMPLE ON TILE 60 x 30 cm**

LAYOUT WITH USE ON TILE INTERSECTIONS

CONSUMPTION FOR 10 m²: **165 PEZZI**

LAYOUT WITH USE ON TILE SIDES

CONSUMPTION FOR 10 m²: **215 PEZZI****COMPARISON BETWEEN CONSUMPTION WITH USE ON TILE INTERSECTIONS AND CONSUMPTION WITH USE ON TILE SIDES**

|  | TILE SIZE<br>(cm x cm) | USE ON TILE INTERSECTIONS<br>PIECES FOR 10 m² | USE ON TILE SIDES<br>PIECES FOR 10 m² | LOWER CONSUMPTION WITH USE ON TILE<br>INTERSECTIONS |
|--|------------------------|-----------------------------------------------|---------------------------------------|-----------------------------------------------------|
|  | 20x20                  | 143                                           | 480                                   | -70%                                                |
|  | 30x30                  | 270                                           | 420                                   | -36%                                                |
|  | 40x40                  | 151                                           | 224                                   | -33%                                                |
|  | 60x60                  | 85                                            | 110                                   | -23%                                                |
|  | 90x90                  | 53                                            | 66                                    | -20%                                                |
|  | 100x100                | 65                                            | 78                                    | -17%                                                |
|  | 120x120                | 38                                            | 44                                    | -14%                                                |
|  | 150x150                | 38                                            | 44                                    | -14%                                                |
|  | 320x160                | 8                                             | 8                                     | 0%                                                  |
|  | 300x150                | 26                                            | 29                                    | -10%                                                |
|  | 300x100                | 36                                            | 40                                    | -11%                                                |
|  | 240x160                | 19                                            | 20                                    | -8%                                                 |
|  | 120x30                 | 122                                           | 152                                   | -20%                                                |
|  | 120x20                 | 152                                           | 197                                   | -23%                                                |
|  | 80x180                 | 41                                            | 45                                    | -10%                                                |
|  | 80x40                  | 101                                           | 132                                   | -24%                                                |
|  | 80x20                  | 161                                           | 228                                   | -30%                                                |
|  | 60x120                 | 62                                            | 77                                    | -19%                                                |
|  | 60x40                  | 122                                           | 157                                   | -22%                                                |
|  | 60x30                  | 165                                           | 215                                   | -23%                                                |
|  | 60x20                  | 170                                           | 245                                   | -31%                                                |
|  | 60x10                  | 346                                           | 501                                   | -31%                                                |
|  | 40x30                  | 202                                           | 307                                   | -34%                                                |



## NOTES

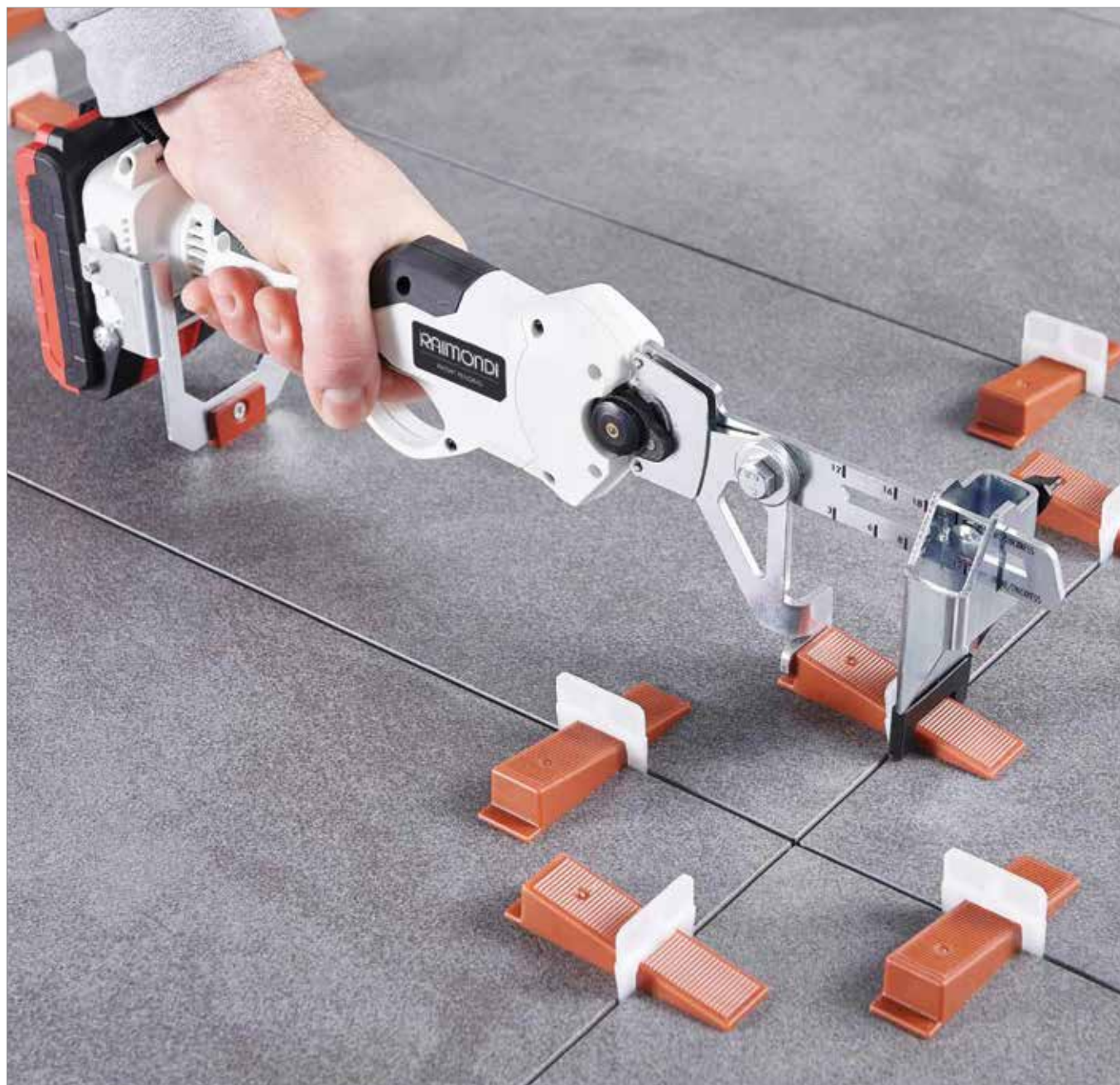
This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins or other markings on the paper.



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