Société
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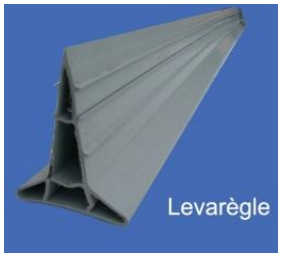
شركة ريمون بركه ش. م.ل.

Levarègle – Joint Rule

Levarègle – Joint Rule is a hollow profile extruded PVC.

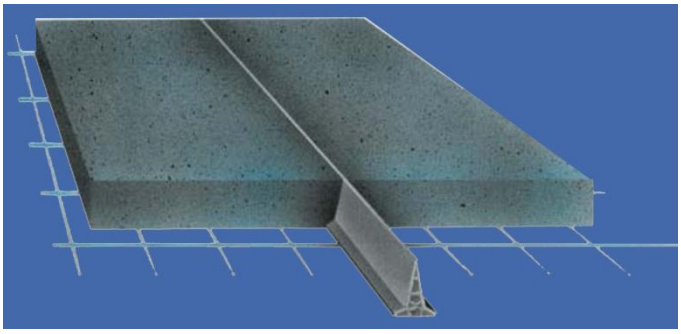


Expansion and cracking joints are essential to the good works in time. For each configuration it's technical solution ...

Levarègle is in the same time a level guide, a permanent formwork and an expansion joint. It is also called construction or cracking joint .
A concrete slab normally scrapped and executed with conventional cement must always include joints, otherwise there is a risk of cracking.
Levarègle – Joint Rule absorbs movement and concrete shrinkage leading the potential cracks along the profile.

This hollow profile absorbs the shrinkage of the concrete. It exists also in a reinforced version. The reinforced strips give the level guide a better resistance at vibration.

Judiciously placed spacers ensure better performance of the rule during the passage of the vibrator, it actually serves as a perfect guide alignment.



This profile is a permanent formwork. It's inner cavities can be used to run wiring cables.

Its specific shape and geometry ensure stability of the structure: adherence to the ground with a curved base and hanging concrete favored by ribbed walls.

Levarègle – Joint Rule are extruded from rigid PVC resistant to chemical and abrasive agents.

Levarègle – Joint Rule exist in two dimensions 40 et 80 mm

PRESENTATION :

- Levarègle is a hollow PVC profile, which absorbs the expansion of the concrete.
- The inside of the rule may also be used as cable duct.
- the top of the rule is to "slide" when leveling concrete, and makes possible the surfacing helicopter.
- the basis of the rule guarantees its stability.
- its side walls have dovetail grooves in order to obtain a perfect adhesion to the concrete.

PROPERTIES OF LEVARÈGLE – JOINT RULE :

- Formwork, casting off;
- Rule-level on which "pulls" the concrete;
- Cracking joint and withdrawal that avoids disorderly cracks, initiating pre-cracks clean and crisp;
- The grooves on the sides, and it's elasticity help concrete to adhere to the joint;
- It's lightweight facilitates it's handling;
- As it is made from PVC material, allows the PVC sections and assemblies avoiding falls unusable;
- It is unalterable in time and corrosive materials, it is resistant to shock and weight;
- There is no need to stuff the joint later with a flexible product. POURED CONCRETE = THE PAVEMENT IS DONE.
- Pavements shall not be used before a week of drying, at least, approximately 60% of their strength time.
- For heavily loaded floors, we recommend applying a hardener additive and do not use the concrete area before 21 days (i.e. about 90% of its strength time).

TECHNICAL DATA :

Standard Length	3 lm
Standard Height	200 g/lm
Color	Grey
Average consumption acc. to paving thick	1 lm/2-3 m^2

REFERENCE :

- Exposure time of the joint: 15 lm / hour;
- Time saving during the implementation of the concrete: 30%;

UNION ET INTERSECTION :

- Join two rules together end to end by inserting a reinforcing rod in the upper part of each of them.
- Perpendicular Rule is cut at an angle, so that its base is flush against the one that is in place, and that the vertices butt

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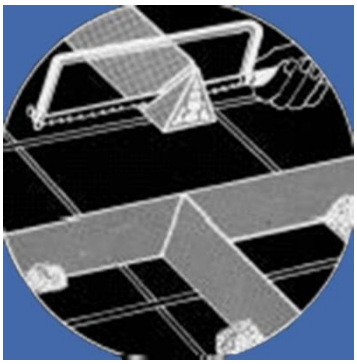
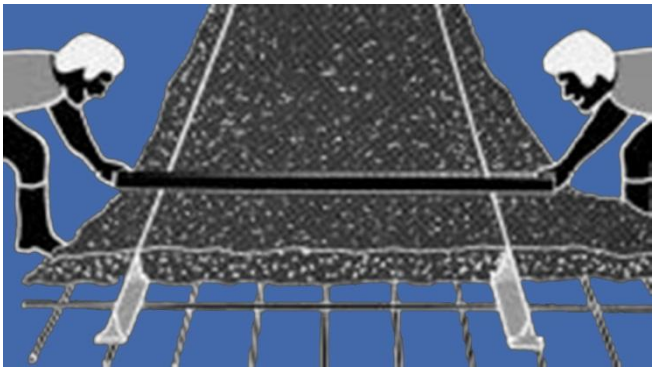
● avoid placing laying concrete at the intersections of the Levarègle – Rule Joint.
● During the passage of the helicopter, take care that the seal remains visible and clean.

INSTALLING THE JOINT RULE
- Plots all concrete about 70cm or shooting, to maintain the rule.
- Dimension plots: as small as possible.
- Leveling: wire control cord.



PERPENDICULAR ADJUSTMENT
- Saw Levarègle ends at 30 ° angle with a hacksaw.
- Avoid placing pads at Levarègle ends.

CONNECTION
- Join two rules together end to end by inserting a reinforcing rod in the upper part of each of them.



SHAPING OF CONCRETE
- Manual Rule or Vibrator.

Mechanical Proprerties

PROPERTIES	REF.	UNIT	VALUE
Density	ISO R 1183	Kg/dm^3	1.5
Hardness Shore D	ISO 868	Shore D	79
Vicat Point	ISO 306	°C	81
Yield Stress	ISO 527	MPa	45
Elongation at break	ISO 527	%	120
Flexural Modulus	ISO 178	MPa	3200
Shock Resistance Charpy notched (23°)	ISO 179	KJ/m^2	5