Decking System

A COMPLETE SYSTEM FOR FLOATING PAVING

THE MATERIAL

THE MOST IMPORTANT FEATURE OF THE "DECKING SYSTEM" IS THE COMPOSITE MATERIAL THE PLANKS ARE MADE OF, AS SOLID HARDWOOD FLOORINGS ARE GETTING MORE AND MORE EXPENSIVE AND HARDER TO FIND.

Over 65% of the **Wood Resin Compound WRC** comes from wood flour whereas the remaining part comes from plastic polymers. An advanced manufacturing process yields an exceptional material that looks very much like solid wood while offsetting its disadvantages.

- » **Water-resistant, it is designed for outdoor floorings**
- » **Practically maintenance-free**
- » **It is shock-resistant and offers higher flexibility**
- » **Dimensional and production stability properties**
- » **Highly lightfast and resistant to all weather conditions**
- » **Very low coefficient of expansion and deformation**
- » **Fire-retardant, reduced absorbance**
- » **Resistant to parasitic animals**
- » **Mould-proof, it is treated against the formation of algae**
- » **Eco-friendly it may be continually recycled**

Planks structure and weight confirm their resistance:

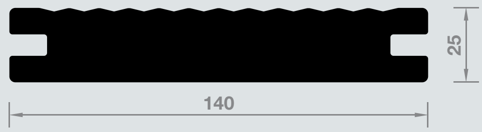
- 1 board: width 140mm, weight 4kg/mt
- 7 boards give 1sq. m. for a total weight of 28 kg/sq. m
- Install the underlying sub-floor nailer approximately every 50 cm

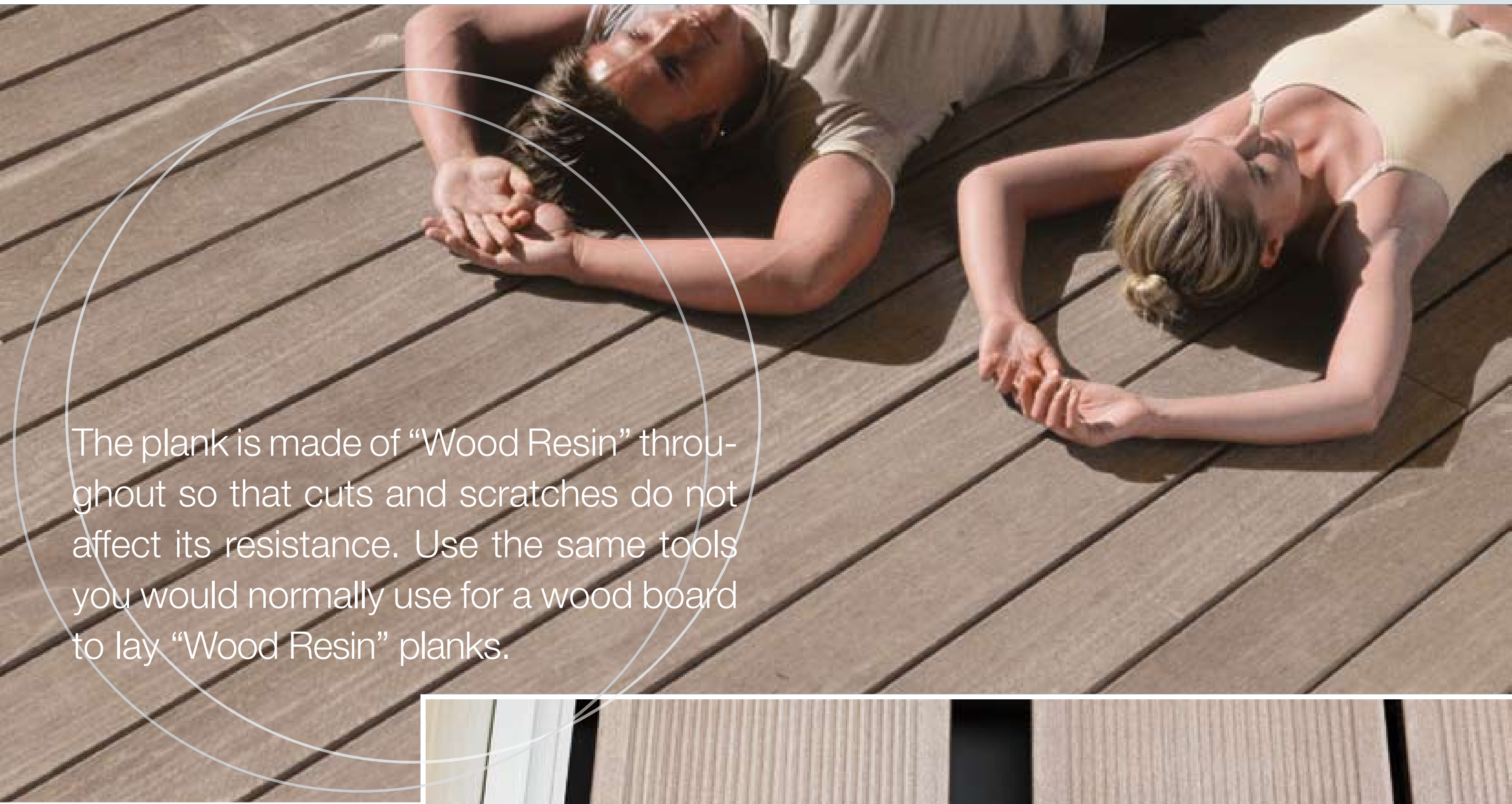
Analysis and Test	Value
Wood	Approx. 65%
Water Absorbance	< 0.9 %
Specific Weight Kg	1.20
Hardness Degree	D 85
Single Plank Weight kg/m	4.0
Planks Weight kg/sq.m.	28
Termites and Worms	Resistant

Material and Finish	Article
Natural Decking Board	RW 140 PLN
Brown Decking Board	RW 140 PLM
Grey Decking Board	RW 140 PLG
Natural Aluminium sub-floor Nailer	RWM 250 AN
Nylon Cap	RWC 90 P 50
Nylon Shim	RWS 20 P 50
Aluminium Perimeter Profile	LT 100 ASN

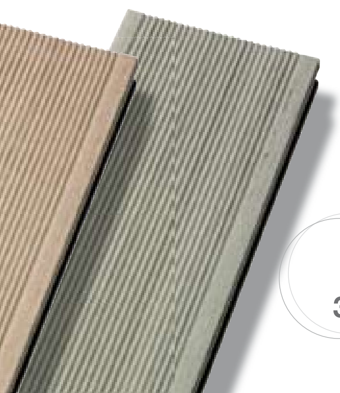
“Decking System” is studied in order to solve the problem of external terraces and of the paving generally subjected to the presence of water. The system foresees the laying of a floating draining pavement, to be fixed on particular aluminium listellos. The support must be laid with a right gradient and isolated if exposed to water.

DECKING SYSTEM





The plank is made of “Wood Resin” throughout so that cuts and scratches do not affect its resistance. Use the same tools you would normally use for a wood board to lay “Wood Resin” planks.



3 colours

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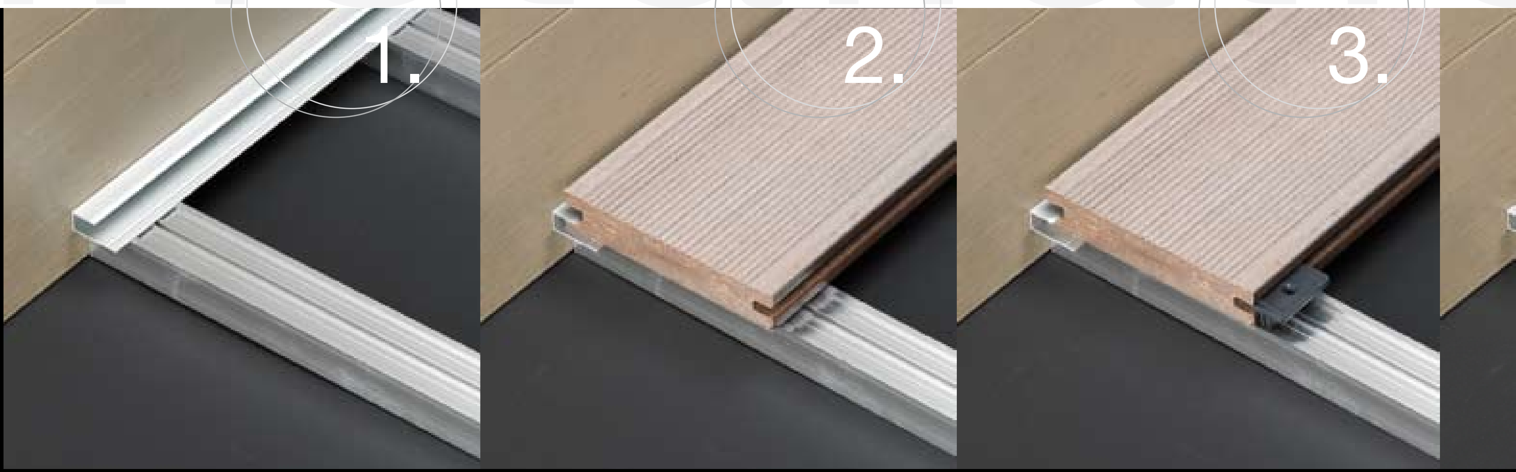
LAYING INSTRUCTIONS

1. Fix the perimeter aluminium profile LT 100 ASN with screws
2. Lay the first board and push it inside the perimeter profile
3. Place the clip RWC 90 P
4. Lay the next Decking System board and fix the clip using a screwdriver
5. Repeat the operation with the other boards and clips



Decking Support **RWM**

FLOOR SUPPORT ALUMINIUM PROFILE

Our industrial system provides an aluminium profile with several advantages with respect to the wooden nailer.

- Rot-proof even to stagnant water
- The rectilinear profile upper surface has a pre-threaded slot for clips to be fixed by using a standard stainless steel self-tapping screw with a countersunk standard head: 3.9x25mm
- Highly resistant to compression, reduced thickness
- The profile can be used as a duct for sheathed electric cables and irrigation piping
- Transpiration gap between floor wood and the profile upper surface
- The profile lower surface may also drain moisture if you raise the profile by using a RWC clip into the lower slot

DECKING SUPPORTO **RWM**