



LINE	Resellers
Prodotto	Resina ONE
Rev	3
Year	Ottobre 2016

**Product type** Cement resin, interior-external decorative effect

Resina **ONE** by Atriafloor system, is a cement resin with synthetic polymers, easy to apply with high adhesion and mechanical resistance, guaranteed against micro-cracks over time without joint creation. Due to its specific formulation based on resin added with special additives and inert fillers that together with a special blend *True cements* gives quality and performance. Excellent for renewing and consolidating old and new surfaces.

**Field of use** Resina **ONE** is formulated to be applied on internal and external surface, on marble, cement, tiles, wood and ceramic.

Technical features

Aspect	Liquid base (polymer resin, special additives) Solid base (True Cement calibrated blend)			
Colour	True Cement colour card. RAL, NCS on request (only mineral dyes - oxides)			
Density DIN 53217/2	Kg/Lt 1.8 ± 0,5			
Viscosity upon supply 25°c	Thixotropic			
Dry residue weight %	74% ± 2			
Typical thickness micron humid/dry	1,8 - 2 mm Atriafloor Rasante ONE 0,8 - 1 mm Resina ONE			
Mixing ratio Base / Hardener	<i>Pack of</i>	<b>Kg 1</b>	<b>Kg5</b>	<b>Kg 20</b>
	Liquid base	Kg 0,640	Kg 3,200	Kg 12,8
	Coloured mixture	Kg 0,060	Kg 0,300	Kg 1,200
	Solid base	Kg 0,300	Kg 1,500	Kg 6
<b>Theoretical coverage mq/lt</b>	<b>SEE TABLE BELOW</b>			
Dilution	If necessary Max 2% water			
Useful life of mixture	3 - 5 hours			
Method of application	Steel spatula			
Ready for traffic	3 - 4 hours for application of further layers			
Hardening time	8 - 10 hours			
Final performance	5 - 7 days			
Flexion resistance	After 28 days MPQ 3,5 ± 2 (RE - 1015 - 11)			
Compression resistance	After 28 days MPQ 37 ± 5 (RE - 1015 - 11)			
Adherence on CLS	After 7 days MPQ > 2 - 2,2 (UNI 8298 - 1)			
Flash point	Not flammable			
Cold resistance	Until -30°C tested			
Storage stability	12 months			
Standard packages	Kg 1 - Kg 5 - Kg 20			

**Note:** Apply the products in favourable climate conditions. For external surfaces, it's extremely important to protect them for at least 72 hours. DO NOT APPLY the cycle in case of probability of rain or strong humidity. It is recommended to clean the tools with water before the hardening of the product. The dryness speed permits to finish the work in 1 day, if the conditions allow it.

Application method **SURFACE PREPARATION**

- *On absorbent surfaces such as:* Concrete, uneven cement mortar or rough plaster, apply a first coat of Atriafloor Consolidante and 2 coats of Atriafloor Rasante One.

- *On non-absorbent surfaces:* Floors made of ceramic, terracotta (dewaxed), cement slabs, apply a first coat of Atriafloor Primer and 2 coats of Atriafloor Rasante One.

**SURFACE DECORATION**

Apply Resina **ONE** by Atriafloor with a steel spatula and distribute the product evenly over the entire surface, apply a second coat of finish after 4 hours if necessary.

Caution: on floors with joints it is important to close, fill and level the surface with the products listed above, in the case of wide and deep joints it is necessary to apply multiple coats to achieve an even surface.

**PRODUCT CONSUMPTION CYCLE**  
(PRACTICAL USAGE)

<b>- ATRIAFLOOR PRIMER</b> (superfici non assorbenti)	120 gr./mq	according to the degree of surface conditions
<b>- ATRIAFLOOR CONSOLIDANTE</b> (superfici assorbenti)	120 gr./mq	according to the degree of surface conditions
<b>ATRIAFLOOR RASANTE ONE</b>	2 Kg/mq	in 2 coats, according to the degree of surface irregularities
<b>RESINA ONE</b> by ATRIAFLOOR	1 Kg/mq	in 2 coats
<b>ATRIAFLOOR PROTETTIVO TRASPARENTE</b>	180 gr./mq	in 2 coats
<b>ATRIAFLOOR CERA</b>	30 gr./mq	At the end of cycle application and need, as maintenance

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