

# Atriafloor Titanium

Scheda Tecnica *Revisione* :      *del* :

**Type of product**    **Colored decorative resin single-component walls and floors for interiors**  
**Atriafloor Titanium** is a monocomponent decorative resin based on modified polyurethane resins in aqueous emulsion, controlled grain size aggregates, with a high spatulated aesthetic effect, ideal for decorating any classic or modern environment with a strong character, industrial design for urban contexts, suitable for renew or consolidate old or new surfaces.  
 Excellent filling power, high mechanical strength even at low thicknesses, after drying it is hard elastic with closed pores and can be easily sanded both dry and wet, both manually and mechanically.

**Fields of Application**    For internal surfaces in masonry, concrete, and tiled surfaces; it is applicable on walls and floors.

<b>Technical Characteristics</b>	Appearance	Opaque
	Color	Ral o Ncs
	Density Kg/Lt	1,450 ± 0,05
	Viscosity 25°C	12000 ± 3000 Cpa.s
	Volumetric dry residue	74 ± 2%
	Yield	1 – 1,2 kg/sq m in two coats
	Typical thickness (in microns)	0,8 – 1 mm
	Dilution	Water, if is necessary during the cold time is better do the dilution with max 2% of water.
Application	Spatula or trowel	
Drying 25°C	Sandable after 24 hours	Do not touch 3 hours Dry to the touch 6 - 8 hours Dry in depth 18 - 24 hours
Sovrapplicazione Minima/ Massima	12 hours / 10 days	

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Walkability	8 - 12 hours for coats
Hardening time	12 - 18 hours
Adhesion on CLS	After 7 days MPA > 2.5 - 3.2 (UNI 8298 - 1)
Bending resistance	After 28 days MPA $3,5 \pm 2$ (EN 1015 - 11)
Compression resistance	After 28 days MPA $50 \pm 2$ (EN 1015 - 11)
Storage stability	12 months
Standard packs	Kg 1 - Kg 5 - 20 kg

**Note**

Store the product at room temperature away from sunlight and in its well-closed containers. Do not apply the product at temperatures below + 5 ° C and above + 40 ° C with relative humidity above 85%.

Apply the product on clean surfaces, dust free from oils or non-stick compounds.

Apply on seasoned surfaces and free from rising or residual humidity, connect the surfaces to avoid possible infiltration. (especially if in the presence of water or high humidity).

**Rules  
Application**

**of Preparation of surfaces**

Make sure that the surfaces are well cleaned, free from dust and contaminants; in the case of new construction, respect the curing time of the support.

The surfaces must be primed with a suitable consolidating and / or adherent promoter and are distinguished:

for concrete or marble surfaces, use Atriafloor Consolidante with high penetration;

for ceramic, gres and tile surfaces use Atriafloor Primer;

On concrete and irregular support:

After priming the substrate, apply 2 coats of Atriafloor Rasante One in order to equalize and even out the surface, considering an average consumption of 2 kg / sq m in 2 coats.

On floors in the presence of leaks (ceramic, stoneware, etc.)

After having primed the substrate, apply 2 coats of Atriafloor Rasante One in order to equalize and close the surface well, considering an average consumption of 2 kg / sq m in 2 coats.

On level or smooth walls or floors (perfectly uniform)

it is possible to apply Atriafloor Titanium directly in 2 coats after having properly primed with Atriafloor Consolidante.

Recommended application mode:

1st Coat

On a prepared base, apply a good quantity of product with a stainless steel trowel and shave to obtain a completely smooth surface.

2nd Coat

Once dry (4 - 6 hours depending on temperature and thickness) apply with a steel trowel to create the desired effect, smooth the surface, be careful in the case of light colors and use a plastic spatula to avoid unwanted streaks.

Finishing and protection

For high resistance floors and shower enclosures:

apply a minimum of 2 coats of Atriapol W to make the surface resistant, walkable, waterproof.

For vertical surfaces:

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apply two coats of Atriapol W

Protect the surface realized for at least 24-48 hours, the product reaches the maximum resistance and hardness after at least 5 - 7 days.

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**Not recommended for**      Strong presence of rising or permanent humidity

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Business Assurance      Quality ISO 9001:2015 / Enviromental ISO 14001:2015 

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