



LINE	Resellers
Sheet No.	91.220
Rev.	5
Year	August 2013
PRODUCT	ATRIAFLOOR CLASSIC - DECORATIVE FINISH

Type of Product

Two-component self-levelling decorative mortar

Atriafloor Classic is a two-component self-levelling dilutable decorative mortar for floors made of epoxy-polyurethane modified resin. Excellent physical and mechanical characteristics, high aesthetic standard, good chemical resistance to acidic or alkaline cleaning solutions, fuels, mineral or vegetable oils, solvents.

Fields of Application

Residential buildings, shops, exhibition and recreational areas, rock floors, mechanical industries, electronics, food industries, chemical and pharmaceutical industries, and garages.

Technical Characteristics	Appearance	Semi-gloss matt
	Colour	By RAL colour chart and on request / GOLD - SILVER
	Density Kg/Lt	1.40 ± 0.02
	Viscosity as supplied 25°C	3000 ± 1000 mpa s (second colour B+C)
	Volumetric dry residue %	90
	Mixing ratio Base/Hardener	BASE 77 in weight - HARDENER 23 in weight
	Dilution	Water 1- 2 % if necessary (cold seasons)
	Cleaning solutions	Soap and water immediately after use
	Mechanical Resistance after 7 days at 23°C	
	Bonding to concrete	> 4.5 Mpa
	Hardness Shore Din 53505	> 80 Mpa
	Tensile strength	> 45 Mpa
	Compression resistance	> 55 Mpa
	Operating temperature	- 22°C + 70°C
	Pot-life	30 minutes at 20°C
	Curing dry to the touch	6 - 8 hours at 20°C according to the temperature
	Transitable hardened	1 - 2 days at 20°C according to the temperature
	Fully cured	3-5 days at 20°C according to the temperature
Pre-dosed packages	Kg 20 - Kg 5 - Kg 1	
Storage stability	18 months base and hardener in favorable climatic conditions	

Notes

Apply at temperatures above +10°C and humidity lower than 75% Do not apply at temperatures below +8°C and relative humidity above 70-75%

We recommend mixing the two components well. This operation is facilitated by the different colour of the coloured base and cloudy hardener. Bad mixing causes the product to fail to harden. Apply plaster or matured smoothing coat for at least 15-20 days depending on relative humidity and temperature.

Before applying, make sure that the processing temperature is between 8-28°C, 70% Max Relative humidity and 7% Max floor moisture where applicable.

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Rules of Application

Surface Preparation

Well cleaned, free of dust and contaminants, we do not recommend cleaning with a pressurised high pressure water washer if there is not sufficient enough waiting time for the water to evaporate and to restore the initial conditions of humidity of both the surface and the environment. The surfaces must be primed with a suitable consolidator and/or adhesion promoter and are distinguished:

- for chalky surfaces, use **Atriafloor Consolidante** at high penetration;
- for dry and compact surfaces, use **Atriafloor Primer**;
- for tiled surfaces, apply **Atriafloor Primer** anchor, after drying level the joints with Atriafloor Stucco and sand if necessary.
- for **marble surfaces**, sand until complete opacification of the surface is achieved so as to make it porous, then apply **Atriafloor Consolidante** at high penetration.

Preparation of the product

Add the hardener into the base container, mix with a (suitable) drill for 2-3 minutes until completely blended. Scrape the walls of the container so that the mix is even and immediately apply the product on the surface. It is important to achieve even levelling, pour the entire contents of the pot onto the surface to be treated, this operation is important as the product if left in the pot to exotherm reduces the application time (Pot life). Mix the pre-dosed base 77 parts in weight with the predosed hardener 23 parts by weight.

Recommended minimum thickness

2,5 - 3 mm - calculated consumption (level surface): 3 kg/m²

Apply the product evenly with a spatula (base + hardener)

Note: If the mixing or the dosage of the base and hardener are not correctly performed, it will affect the final hardening and chemical and physical characteristics.

Caution: the grey, brown and in general particularly intense colouring is because of their composition, the uniform shades tend to have a gradient effect by their very nature. A possible slight discontinuity in the colour gives the surface a pleasing manual appearance. 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.

Recommended for

Industrial and civil floors made of concrete and in contact with lubricants, fuel, water, acid and alkaline cleaning solutions.

Not recommended for

Contact with strong solvents and concentrated acids and bases.

Recommended Finishes

Atriafloor Protettivo cerato, particularly suitable for easy maintenance and protection of the busiest areas.

Safety information

Both the base and hardener are classified as irritants to eyes and skin. Apply according to good standards of working hygiene. For more information, refer to the corresponding safety data sheet.

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