



SPM Autobagnante

One-component, self-backbuttering cement-based adhesive with rapid setting and improved adhesion, for high thickness installation indoors/ outdoors of every type of large sized floor tiles. Specific for stable natural stones even when applied tile over tile and on heating screeds.



Fields of application:

- to apply full bed floor tiles of any size in porcelain stoneware, low thickness stoneware, single and double fired material, glass mosaic, ceramic mosaic, solid natural or artificial stones indoors on cured cement-based screeds, on screeds made with Basecem or Basecem Pronto, on self-levelling products such as Planirapid Autolivellante or Planirapid Autolivellante Maxi, on smoothing plasters such as Rasoplan Tixo, on anhydrite screeds and on radiating floors;
- to apply full bed floor tiles of any size in porcelain stoneware, low thickness stoneware, single and double fired material, ceramic mosaic, solid natural or artificial stones outdoors on cured cement-based screeds, on screeds made with Basecem or Basecem Pronto;
- to spot-bond insulating materials such as foam polyurethane and

polystyrene, rock or glass wool on walls or ceilings;

- to apply full bed in tile on tile application of any size in porcelain stoneware, low thickness stoneware, single and double fired material, ceramic mosaic and solid natural or artificial stones indoors and outdoors after cleaning with Detergente Basico;
- to apply full bed floor tiles of any size in porcelain stoneware, low thickness stoneware, thin stoneware, single and double fired material, glass mosaic, ceramic mosaic and solid natural or artificial stones indoors and outdoors on waterproofing membranes such as Sanigum, Scudo Revolution and Scudo A+B;
- professional use only.

Characteristics:

SPM Autobagnante is a one-component cement-based adhesive with semirapid setting, classified C2F according to norm EN 12004. The formula of **SPM Autobagnante**, made up of fine aggregates, 52.5 modified cement, fission-stable polymers with low environmental impact, setting-adjuster celluloses, gives the adhesive an open time of 30 minutes, making it ready for walk over after 6 hours and ready for use in 3 days, guaranteeing easy and safe installation of floor and wall tiling. Indicated for indoor and outdoor civil, commercial and industrial applications.

Preparation:


the substrates must be flat, solid, solid and free of removable parts, clean from dust, grease, oil, varnish, wax. These substrates must be dry and well seasoned. Preventively protect the laying surfaces from direct sunlight. When the temperature is higher than +25°C or the substrate is very absorbent, it is advisable to treat it with one or more coats of **Primer GS**, before laying, to favor correct hydration of the adhesive. Non-absorbent substrates must first be degreased using **Detergente Basico** or prepared by means of mechanical abrasion such as scarifying or shot peening.

Application:

SPM Autobagnante must be mixed with 5.5 l of water every 25 kg bag with a low speed stirrer, till getting a smooth mixture free of lumps. Do not add other hydraulic binders or aggregates. Check that the substrate complies with norm EN 11493 point 7.3 as for the requirements of curing, integrity, surface sturdiness, dimensional regularity, residual humidity and rising damp. In very absorbing substrates, gypsum, anhydrite or with minor crumbling pre-treat with **Primer GS**. Apply **SPM Autobagnante** with a **with a suitably toothed trowel**, creating an adhesive layer of max. 20 mm, so as to coat the tile back side completely. Follow the norm EN 11493 point 7.9/7.11 for outdoor applications, in sizes with side ≥ 60 cm and in low thickness tiles. Apply a layer of adhesive on the tile back side when required by the ceramic manufacturer. Create elastic expansion joints every 10 m² outdoors and every 25 m² indoors, every 4 m in sidewalks and skirting boards. The materials applied with **SPM Autobagnante** must be protected from the rain during the 5 hours following laying and must not be exposed to freezing temperatures or strong sunlight for at least 24 hours.

Quality and Environmental Standards:

SPM Autobagnante undergoes constant, careful testing at our laboratories, in compliance with the legislation in force - UNI EN ISO 9001/2015.

 <p>Opera Srl Via degli Scavi 19/21 47122 Forlì - Italy</p>	<p>Characteristics</p>	<p>Application methods</p>	<p>Consumption</p>
<p>DOP-IT-01-028 SPM AUTOBAGNANTE EN 12004:2007+A1:2012</p> <p>Improved and rapid cement-based adhesive with limited slip, for indoor and outdoor tile application.</p> <p>Fire reaction: Class A1/A2 B</p> <p>Adhesion strength: - Initial tensile adhesion ≥ 1.0 N/mm² - Accelerated adhesion ≥ 0.5 N/mm²</p> <p>Durability: - Tensile adhesion after thermal ageing ≥ 1.0 N/mm² - Tensile adhesion after immersion in water ≥ 1.0 N/mm² - Tensile adhesion after frost-thaw cycles ≥ 1.0 N/mm²</p> <p>Release of harmful substances: See Safety data sheet</p>	<p>One-component Mixture water: 20-22% in weight Open time: > 20 minutes Waiting time for floor joint grouting: 4 hours Frost-proof Rapid Walk over time: 4 hours Adhesive thickness: up to 20 mm Ready for use: 1 day</p>	<p>Smooth or toothed trowel</p>	<p>2,5-5 kg/m²</p> <p>Storage</p> <p>Shelf life of 12 months in the original packages and in a dry place</p>

Code	Product	Form and Color	Packages	Pallet
I 04425	SPM Autobagnante	Grey powder	25 kg	1500 kg

Warning:

- do not use on wooden bases or particle board;
- do not use on metal, PVC, rubber, or linoleum surfaces;
- do not use on vertical surfaces;
- do not use on natural stone tiles or unstable reconstituted stone tiles in damp environments;
- on gypsum or anhydrite bases, use **Primer GS** beforehand.



Technical and application specifications

Hazard classification as per Directive 99/45/CE:	none
Mixing water:	20-22% of weight (approx. 6.5 l of water bag)
Specific weight of mixture:	1.70 g/cm³
Mixture pH:	over 12
Pot life:	approx. 60 minutes
Application temperature:	from +5°C to +35°C
Open time:	20 minutes
Handling time:	approx. 30 minutes
Joint sealant hardening time on floors:	approx. 4 hours
Walk-over time:	4 hours
Ready for use:	approx. 1 day

FINAL PERFORMANCES SPECIFICATIONS EN 1348 (N/mm²)

Initial adhesion (after 28 days):	2.00 N/mm²
Adhesion after immersion in water:	1.30 N/mm²
Adhesion after freeze-thaw cycles:	1.20 N/mm²
Adhesion after heat action:	1.90 N/mm²
Compression resistance:	13.0 N/mm²
Bending resistance:	5.00 N/mm²
Acid resistance:	poor
Resistance to damp, solvents, oil, alkalis, and ageing:	excellent
Harmonised customs code:	38245090
Temperature resistance:	from -30°C to +90°C

Measurement of data at 23°C/50% Residual Humidity and no ventilation. The data may be considerably modified by the conditions of use.