eurocol

the strong connection

8-11-2026

733

SUPERIOR S2

Very flexible cement-based tile adhesive for bonding ceramic (large format) floor tiles and slabs, composite tiles, ceramic mosaic and flat, non-discolouration sensitive natural stone on fresh screed (cement-based screeds), wood, existing tiling, granite and underfloor heating. Suitable for indoor and outdoor applications.



PRODUCT TYPING

Base	Cement powder to be made with water with additives and a very high plastic binder content.
Color	Grey.

- Highly deformable; S2 (> 5 mm) complying with NEN-EN 12004;
- Very high-capacity stress absorption
- Universally applicable
- Lighter lifting weight due to lighter fillers
- Very economical in use
- Extended open time
- Can be applied to fresh screed
- Suitable for indoor and outdoor applications
- Suitable for underfloor heating

PROPERTIES

Classification	C2E and S2 (very flexible) according to NEN-EN 12004. Very flexible powder tile adhesive with an extended open time.
Consumption	2.4 – 3.1 kg/m^2, depending on the flatness of the substrate and type of tile.

APPLICATION

- Thin-bed adhesive for very flexible bonding of ceramic (large format) floor tiles and slabs, composite tiles, ceramic mosaic and flat, non-discolouring sensitive natural stone on fresh screed (cement-bonded screed floors), wood, existing tiling, granite and underfloor heating.
- Suitable for bonding (large format) floor tiles on interior walls in dry and wet areas using the stacking method, possibly in combination with a tile leveling system.
- Suitable for swimming pools and floors with heavy loads.
- Suitable for bonding tiles on sanded or blasted concrete; at least 28 days old, swimming pools and heavily loaded floors.
- Very suitable for indoor and outdoor applications where this adhesive often makes a decoupling mat unnecessary.

PROCESSING

Storage	Store in a cool and dry place with packaging closed.
Mixing ratio	20 kg of powder tile adhesive in approx. 5.5 (thin-bed consistency) - 6.5 (fluid-bed consistency) litres of water.

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Curing	1-3 days, depending on the substrate and temperature. Lower temperatures lead to slower setting. During the curing of the adhesive, the temperature should remain above 5° C during the day and at night.
Open time	Depending on the substrate and temperature, the tiles must be laid in the adhesive bed within 15-20 minutes.
Processing time	The prepared adhesive must be processed within 60 minutes.
Waiting time	After mixing it with water, leave the mortar to stand for 3 minutes, then continue and apply to the substrate.
Shelf Life	12 months in the unopened packaging. Close opened packaging well after use.
Application temperature	From 5° to 25 °C (temperature of the surrounding as well as the subfloor).

** The stated values are laboratory values which, given the large variation in climatological conditions, subfloor compositions and layer thicknesses, are only guideline values.*

Substrate:

- The substrate must be sufficiently pressure-resistant and tear-resistant. The substrate should also be flat, dry and free of grease, dirt and dust.
- The bonded screed/subfloor can be given the selected ceramic finish after 1-3 days and for a floating screed/subfloor after 7 days. This applies at an ambient temperature of approximately 20°C and a relative humidity of 50 – 65%. It is also important that, before adhesive bonding, any underfloor heating is stoked up and cooled down according to the current stoking protocol.
- We recommend 740 Isoflex 2K for watertight finishing of stony surfaces on balconies and terraces on which tilework is applied.
- In many cases, this adhesive can make a decoupling system unnecessary in outdoor applications. This depends on various factors such as tile size, colour (reflection value), location, etc. Please consult our technical advisors.
- Wooden floors consisting of floor parts must be sufficiently supported (maximum beam distance 60 cm). Screw water-resistant plywood (at least 12 mm thick) onto it to create a rigid structure. Then apply 099 Dispersion primer. Maximum tile size 30x30 cm.
- Use 725 Alphycol on calcium sulphate bonded screeds (anhydrite).
- Always consult our technical product information sheets. Should you have any doubts about the use of the product, please contact our Technical Help Desk first.

Instruction manual:

- Add 20 kg of 733 Superior S2 to approx. 5.5 (thin bed) – 6.5 (fluid bed) litres of cool and clean tap water; mix the mortar mechanically with the Eurocol 855 Mixing Iron (at approx. 600 rpm) for 1 minute until a lump-free mass is obtained.
- Leave the mortar to stand for several minutes, stir well again and apply to the substrate using the correct adhesive comb (see images of use/toothing). Adhesive layer thickness 6 mm maximum.
- Press the tiles into the adhesive bed with a sliding movement within 15 - 20 minutes. Check often that the backs of the tiles always come into full contact with the adhesive. Remove excess adhesive from the joints.
- The prepared adhesive must be processed within 60 minutes. Do not add extra water to mortar that has already been bonded.
- In normal conditions, i.e. a temperature of 20°C with relative humidity of 65%, the tilework can be grouted after at least 24 hours.

Spreading capacity/notched spreader for powder tile adhesives:

The flatness of the substrate and the type of tile are all-important when choosing the toothing of the adhesive trowel. The choice of toothing must be such that a minimum adhesive contact area of 80 - 100% is achieved (evenly distributed over the back of the tile). Check the adhesive contact surface regularly.

Spreader 8x8 mm : Spreading capacity approx. 2.4 kg/m^2
Spreader 10x10 mm : Spreading capacity approx. 3.1 kg/m^2

QUALITY AND GUARANTEE

ENVIRONMENT AND HEALTH

MSDS For detailed safety and environmental information, please refer to our website www.eurocol.nl.

Environment and Health
• Environmental Product Declaration EPD-DBC-20220218-IBF1-EN.

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ITEM DATA

Article	Definition	Packaging	EAN-code
733	Sperior S2	20 kg bag	
	grey		8 710345 733007

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