eurocol

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/m², 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.

---

733 SUPERIOR S2

Forbo

Mixing ratio	20 kg of powder tile adhesive in approx. 5.5 (thin-bed consistency) - 6.5 (fluid-bed consistency) litres of water.
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.

733 SUPERIOR S2

Forbo

ITEM DATA

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

Article	Definition	Packaging	EAN-code
733	Sperior S2	20 kg bag	

733 SUPERIOR S2

Forbo