

# eurocol

# 733

the strong connection



## SUPERIOR S2

Highly flexible cementitious tile adhesive.

### 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 EN 12004;
- Very high-capacity stress absorption
- Universally applicable
- Easy to process
- Lighter lifting weight due to lighter fillers
- Very economical in use
- Extended open time
- Suitable for indoor and outdoor applications
- Low chromate

### PROPERTIES

Classification	C2E according to NEN EN 12004-1: 2017 and S2 according to 12004-2:2017 S8.6. Highly flexible powder tile adhesive with extended open time.
Consumption	2.4 – 3.1 kg/m <sup>2</sup> , depending on the flatness of the substrate and type of tile.

### APPLICATION

- Thin-bed adhesive for highly flexible bonding of large-format ceramic floor tiles and slabs, composite tiles, ceramic mosaic and flat, non-discolouring natural stone on fresh screed (cementitious screeds), wood, existing tilework, Granito and underfloor heating structures.
- Suitable for swimming pools and floors with heavy loads.
- Also highly suitable for outdoor applications when a decoupling mat is not often required if this adhesive is used.

### PROCESSING

Storage	Store in a cool and dry place with packaging closed.
Mixing ratio	20 kg of powder tile adhesive in approx. 5 – 5.5 litres of water.
Curing	1-3 days, depending on the substrate and temperature. Lower temperatures lead to slower setting.
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.

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<b>Shelf Life</b>	12 months in the unopened packaging. Close opened packaging well after use.
<b>Application temperature</b>	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 according to DIN 18 352.
- 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 730 Isoflex 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 (thin bed) – 5.5 (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 no. 13, 8x8 mm : Spreading capacity approx. 2.4 kg/m<sup>2</sup>  
 Spreader no. 14, 10x10 mm : Spreading capacity approx. 3.1 kg/m<sup>2</sup>

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**QUALITY AND GUARANTEE**

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**ENVIRONMENT AND HEALTH**

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MSDS For detailed safety and environmental information, please refer to our website [www.eurocol.nl](http://www.eurocol.nl).

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**ITEM DATA**

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

**733 SUPERIOR S2**