

Fields of application

- SIGNAPOOL FLEXCOL S is specially formulated to MEET THE REGULATIONS for sticking plaques of tiles or porcelain tiles in SWIMMING POOLS directly onto SIGNAPOOL waterproofing.
- Delicate placing of ceramic tiles that are NOT AT ALL ABSORBENT on NONABSORBENT ceramic.
- It is also recommended for sticking on mud tiles (terracotta), as it prevents the appearance of efflorescence phenomena.
- For placing natural stones, slate, marble, granite, large formats, etc.

Consumptions

	Toothed trowel (mm)	Approx. Kg/m ²
Mosaics up to 5x5cm	3	2,4
Tiles up to 15x15cm	6	2,5 - 3,0
Large format tiles	10	4,0
Glass Mosaic up to 5x5cm:	3	3,4
Signapool S1	4	3,0

How to use

SUPPORT: All supports must be resistant, solid, free of dust, paint, waxes, oils and grease and must be perfectly set. Very absorbent supports or ones exposed to the sun during hot periods may be previously dampened to prevent the rapid loss of the mixing water.

PREPARATION OF THE MIXTURE: Mix with clean water until it is thoroughly mixed; use an electric mixer at low revolutions to prevent lumps from forming. Leave to stand for 2 minutes and re-mix so that the paste is ready to use.

APPLICATION OF THE MIX: It is best to use a toothed trowel, with the size of the teeth depending on the size of the piece to be applied. The pieces need not be dampened before installing.
For difficult applications, exteriors or for pieces larger than 60 x 40 cm, or more than 40 kg/m², use the double gluing technique and similar metal anchorage. Make sure, at all times, that a surface layer does not appear, using the tips of your fingers. If it does form, prepare the cement again with a toothed trowel (do not dampen with water). Always apply pressure to the tile to ensure that the cement "wets" minimum 80% of the reverse of the ceramic tiles. Tap on the pieces with a rubber mallet. Protect recently laid floor tiles from excessive heat, rain, etc. for at least 24 hours.

Storage

In covered, ventilated areas, stored in its original container, kept well closed, for: 12 months

Presentation

Supplied in 25-kg Sacks

Directives: EN – 12.004

Product

TYPE	C2 T S1 Improved normal-setting cementious adhesive with additional characteristics and reduced slipping
DENSITY IN POWDER	1,6 g/cm ³
TOXICITY	Irritant, avoid contact with skin and eyes.

Application

PROPORTION OF MIXTURE	5,2 litres / 25 kg sack
DENSITY OF THE MIXTURE	1,6 g/cm ³
TEMPERATURE OF THE APPLICATION	+ 5°C to + 35°C
OPEN TIME	20 min.
ADJUSTMENT TIME	30 min.
USEFUL LIFE	60 min.
SLIP	< 0,5 mm.
THICKNESS OF LAYER	< 10 mm.
CAN BE POINTED AFTER	4 hours
CAN BE WALKED ON AFTER	24 hours

Performance properties

RESISTANCE TO DAMP	excellent
RESISTANCE TO AGEING	excellent
RESISTANCE TO SOLVENTS:	excellent
FLEXIBILITY	Very good
INITIAL ADHERENCE	≥1,0 N/mm ²
ADHERENCE AFTER IMMERSION IN WATER	≥1,0 N/mm ²
ADHERENCE AFTER AGEING WITH HEAT	≥1,0 N/mm ²
ADHERENCE AFTER FREEZE-THAW CYCLES	≥1,0 N/mm ²
OPEN TIME: ADHERENCE (20 MIN)	≥0,5 N/mm ²
DEFORMABILITY EN 12002	≥2,5 mm



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