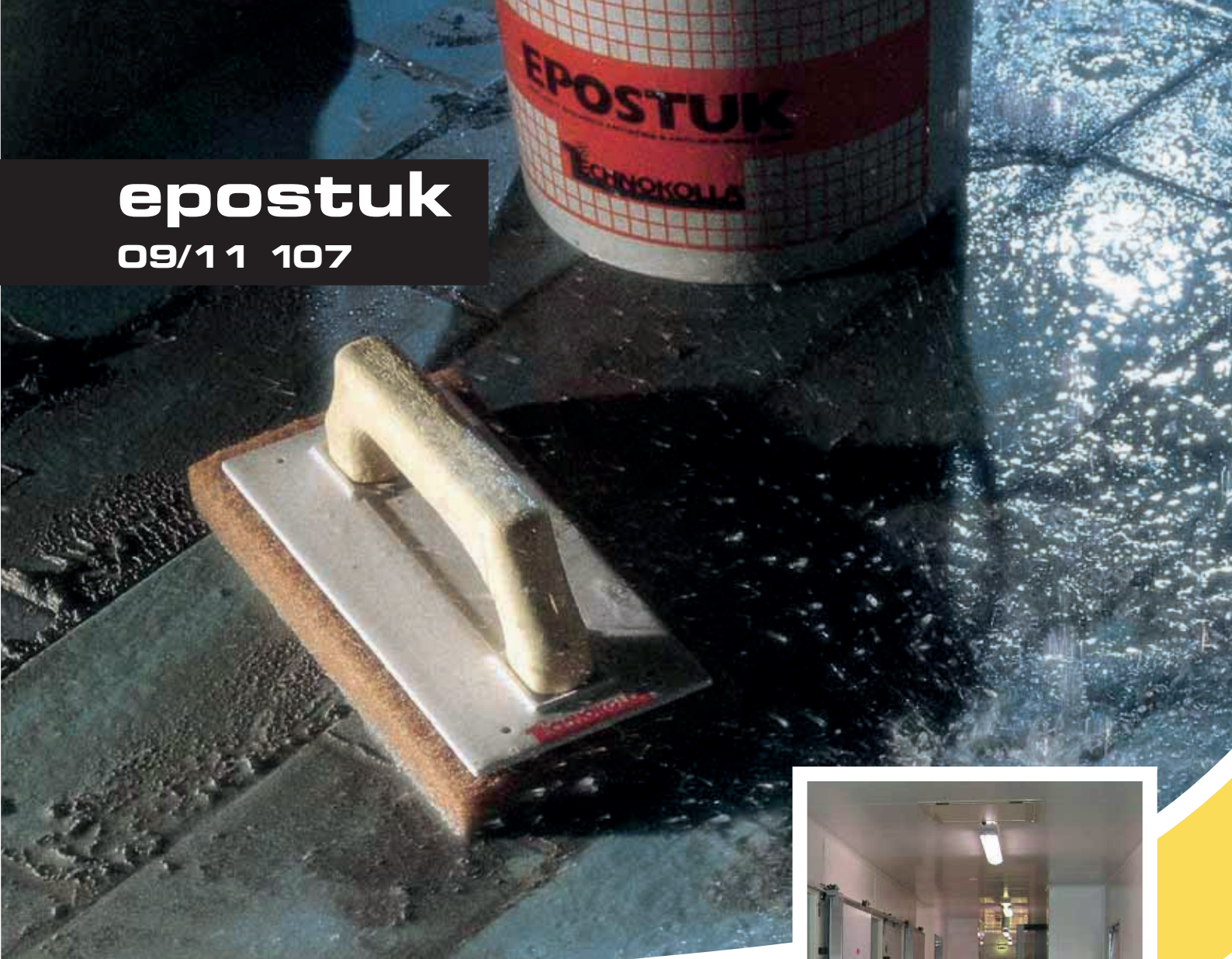


epostuk

09/11 107



EPOSTUK

Antiacid epoxy grouting compound
for 3 to 15 mm gaps.

**groutings
and sealants**





94/6



5



10-30°C



45 min



3-15 mm



epostuk



MAIN FEATURES

- Acid resistant
- Optimum workability
- Two-pack product
- High degree of hardness
- Optimum cleanability

ASPECT

Comp. A-thick paste in 5 colours (see card) Comp. B-viscous liquid

STORAGE

24 months in a dry place, with temperatures between +10 and +30°C

FIELDS OF USE

- Grouting the joints in floors or wall cladding made of materials like porcelain stoneware, split tiles, ceramic or marble mosaic. In places or on surfaces subject to chemical aggression, such as dairies, laboratory tables, tanneries, paper-mills, industrial kitchens, slaughterhouses, wine-making enterprises, etc.
- Grouting the joints in floors subject to heavy traffic, industrial storehouses, shopping centers, etc. EPOSTUK can be used as an adhesive (class R2T in accordance with EN12004) for gluing the above mentioned cladding materials to iron and fiberglass reinforced plastic.
 - Suitable for grouting swimming pools, also when filled with sea water.

* It is advisable to perform a cleaning test before grouting natural stone materials.

NATURE OF THE PRODUCT

EPOSTUK consists of two components containing epoxy resins, quartz charges and specific additives. Ask our technical department for the safety brief for further information.

HOW TO PREPARE THE MIXTURE

EPOSTUK is a "reactive" grouting compound. This means that it sets through a chemical reaction between the two components, A and B. It is therefore very important to ensure that these components are thoroughly mixed together. Proceed by pouring the liquid (comp. B) on to the paste (comp. A), then stir with a blender fitted with a preferably spiral whisk.

The reaction developed by these products is exothermic (heat develops). Remember that if the components are stirred at high speed, the heat developed will considerably speed up the hardening process and, thus, shorten the time it can be worked.

The paste obtained is creamy and can be easily applied with a trowel.

groutings and sealants



CONFORMITY



RECOMMENDED ACCESSORIES



TKW 466
Felts and felt holders



TKW 451
Trowel



TKW 481
Sponge



TKW 182
Washing trough

GROUTING OPERATION

Apply EPOSTUK with a suitable rubber squeegee, and make sure that the gaps are filled completely. Wipe off any excess material with the edge of the applicator. Squeeze a sponge soaked in water over the grouted surface and, using a felt of medium hardness, emulsify the product by making circular movements taking care to prevent the gap from being emptied. Any excess product can be easily removed with a soft rubber doctor blade. After the cleaning operation, it is very important for the tiles to be completely free from traces of grouting as, once this has hardened, it would be very difficult to remove. The sponge must therefore be rinsed out often with clean water during the cleaning operation.

AVAILABLE COLOURS

00 WHITE 03 ASH 26 NEUTRAL
01 MANHATTAN 04 ANTHRACITE

WARNINGS AND RECOMMENDATIONS

- Do not attempt to use random percentages of the product: an incorrect catalysis ratio would compromise the hardening process
- Do not use the product after it becomes difficult to apply. Prepare a fresh mixture
- Wear rubber gloves at all times when using the product
- The amounts required refer to the following types of tiles: Singlefired tiles, Split tiles, Refined porcelain stoneware
- Do not use on porous surfaces (e.g.: cotto)
- Do not use Epostuk when there is water in the gaps
- Do not use for grouting that is subject to movements
- Do not wash with acid or strong oxidizing substances during application

GROUT COVERAGE gr/m²

TILE in cm	GAPS in mm					
	3	5	8	10	12	15
10x10x0,6	580	960	1550	1900	2300	2900
7,5x15x0,7	680	1100	1800	2200	2700	3400
15x15x0,9	580	960	1550	1900	2300	2900
20x20x0,9	430	720	1150	1400	1700	2200
12x24x0,9	540	900	1400	1800	2150	2700
12x24x1,4	840	1400	2200	2800	3400	4200
20x20x0,9	430	720	1150	1400	1700	2200
20x20x1,4	670	1100	1800	2200	2700	3400
20x30x0,9	360	600	960	1200	1400	1800
30x30x1	320	530	850	1100	1300	1600
30x30x1,4	450	750	1200	1500	1800	2200
30x60x1	240	400	640	800	960	1200
40x40x1	240	400	640	800	960	1200
50x50x1	190	320	510	640	770	960
60x120x1,1	130	220	350	440	530	660

FORMULA TO CALCULATE THE CONSUMPTIONS

$$A \times B \times \left[\frac{C+D}{C \times D} \right] \times 160 = \frac{\text{gr}}{\text{m}^2}$$

in mm in cm



epostuk

TECHNICAL SPECIFICATIONS	VALUE	REQUISITE	STANDARD
Mixing ratio	(A:B) 94:6		
Temperature during application	min. +10°C, max +30°C		
Weight density of the mixture	1,6 Kg/lt		
Curing time	3 min		
Pot life	*45 min		
Can be walked on	*24 h		
Surface can be used after	*3 gg		
Thermal resistance	da -20 °C a + 100°C		
Abrasion resistance	150 mm ³	≤ 250 mm ³	EN 12808-2
Flexural strength after dry storage	40 N/mm ²	≥ 30 N/mm ²	EN 12808-3
Compressive strength after dry storage	60 N/mm ²	≥ 45 N/mm ²	EN 12808-3
Shrinkage	0,9 mm/m	≤ 1,5 mm/m	EN 12808-4
Water absorption after 240 min.	0,04 gr	≤ 0,1 gr	EN 12808-5

* these times refer to a temperature of 23°C-50% R.H.. They are shorter at higher temperatures and longer at lower temperatures

SPECIFICATION

Ceramic floor and wall tiles should be grouted with an antiacid epoxy based grouting such as Technokolla's EPOSTUK, which can be used to fill gaps up to 15 mm.

Technokolla reminds you to examine the "notes" document that completes the contents of this data sheet.

The document can be downloaded from the website www.technokolla.com in pdf format.

The advice about technical matters and applications in the technical data sheets, or given verbally or in writing by our personnel as part of our customer assistance service, are the result of our best and most up to date experience. Since we are unable to personally modify the conditions in the building site or the way the work is carried out, this information is purely indicative and, thus, binds us neither legally nor in any other way in relation to third parties. This information does not relieve the end user from being responsible for testing our products so as to make sure they are fit for the required use. We therefore strongly advise the customer/user to subject Technokolla's products to preventive tests in order to ensure that they are suitable. The end user is also responsible for checking to make sure that this technical data sheet is not obsolete and that more recent editions have not replaced it. Thus, before using our products, you are advised to download the most up to date version of the technical data sheet from our web site www.technokolla.com.

epostuk

CHEMICAL RESISTANCE OF CERAMIC TILING GROUTED WITH EPOSTUK

TECHNICAL SPECIFICATIONS				
GROUP	NAME	CONCENTRATION %	CONTINUOUS SERVICE 20°C	DISCONTINUOUS SERVICE 20°C
ACIDS				
	Acetic	2,5	+	+
	"	5	(+)	+
	"	10	-	-
	Hydrochloric	37	(+)	+
	Chromic	20	-	-
	Chromic	10	-	-
	Formic	2,5	+	+
	"	10	(+)	-
	Lactic	2,5	+	+
	"	5	(+)	+
	"	10	-	(+)
	Nitric	25	(+)	+
	"	50	-	-
	Oleic		-	-
	Phosphoric	50	(+)	+
	"	75	-	-
	Sulphuric	1,5	+	+
	"	50	(+)	+
	"	98	-	-
	Tannic	10	(+)	+
	Tartaric	10	+	+
	Oxalic	10	+	+
ALKALIS AND SATURATED SOLUTIONS				
	Ammonia	25	+	+
	Caustic soda	50	+	+
	Potash	50	+	+
	Sodium hypochlorite			
	Active chlorine	6,5 g/l	(+)	+
	Active chlorine	162 g/l	-	-
SATURATED SOLUTIONS				
	Sodium hyposulphite		+	+
	Sodium chloride		+	+
	Calcium chloride		+	+
	Ferrous chloride		+	+
	Aluminium sulphate		+	+
	Sugar		+	+
	Hydrogen peroxide	1	+	+
	"	10	+	+
	Sodium bisulphite		+	+
OILS AND FUELS				
	Gasoline		+	+
	Petroleum		+	+
	Diesel fuel		+	+
	Olive oil		+	+
SOLVENTS				
	Ethyl alcohol		+	+
	Acetone		-	-
	Glycol		+	+
	Glycerine		+	+
	Perchloroethylene		-	-
	Trichloroethane		-	-
	Trichloroethylene		-	-
	Methylene chloride		-	-
	Toluol		-	-
	Benzol		-	-
	Xylol		-	-

KEY: + Optimum resistance (+) Fair resistance - Poor resistance