

**poliflex**  
09/06 109



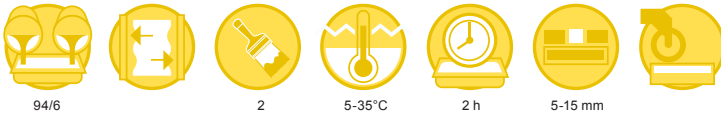
### **POLIFLEX**

Pourable elastomeric sealant  
for floor joints gaps from 5 mm up  
to 15 mm in nidth.

**groutings  
and sealants**

**TECHNOKOLLA®**





# poliflex



## MAIN FEATURES

Abrasion resistant  
Highly elastic  
Two-pack

## ASPECT

Comp. A thick paste in 2 colours (see card)  
Comp. B viscous liquid

## STORAGE

12 months in a dry place, with temperatures between 10 and 35°C

## FIELDS OF USE

- Sealing ceramic floor dividing joints in places subjected to traffic from heavy vehicles, lift trucks, transpallets or where acid resistance is required, such as: supermarkets, dairies, industries.
- Sealing dividing joints in ceramic floors, such as those in: car parks, or industrial buildings.
- Sealing joints in PVC floors.

## NATURE OF THE PRODUCT

POLIFLEX contains elastomeric polyurethane resins, selected quartz mineral charges, specific additives. Ask our technical department for the safety brief for further information.

## OPERATIONS PRIOR TO APPLICATION

Cut into at least 1/3rd of the thickness of the substrate on a level with the elastomeric joint (see Fig. 1). The surface to be sealed with POLIFLEX must be perfectly clean, and the gaps free from excess tile adhesive.

## HOW TO PREPARE THE MIXTURE

The mixing ratio is 4.7 parts in weight of component "A" and 0.3 parts in weight of component "B".

It is essential to comply with this ratio between the components.

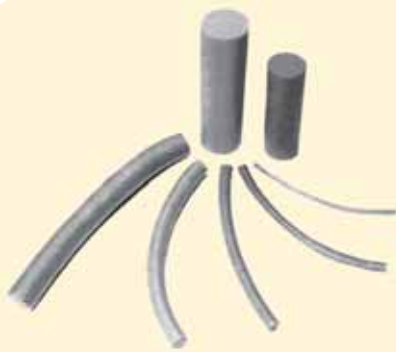
The mixture must be very homogeneous. It is better to use a mechanical blender. The speed with which the product hardens depends on the ambient temperature to a great extent.

It is inadvisable to use the product at temperatures lower than 10°C.

The paste obtained is only slightly viscous and can be easily poured.



## RECOMMENDED ACCESSORIES



**TKW 501**  
Synthetic cord

**TKW 202**  
Silicone gun

When POLIFLEX is used as a sealant, it must only adhere to the two side walls of the joint and not to the bottom.

Remember to insert polyethylene cord prior to filling (see fig. 1).

It is important to size the joint so that the maximum elongation envisaged does not exceed 10% of its width, which must be the same as the depth or less.

### GROUTING OPERATION

The gaps are filled by pouring POLIFLEX from a vessel with a spout.

However, it is advisable to mask the edges of the gaps with adhesive tape (see photograph) to prevent the product from overflowing.

Once the filling operation has terminated, wait a few minutes before smoothing the surface with a metal knife, to make sure that the level of the product does not lower. If this happens, just pour in some more.

When POLIFLEX is used as a waterproofing sheath, make sure that the humidity in the substrate is less than 2.5% if cementitious or 0.5% if anhydrite based (by measuring with a carbide hygrometer) prior to applying the product with a trowel.

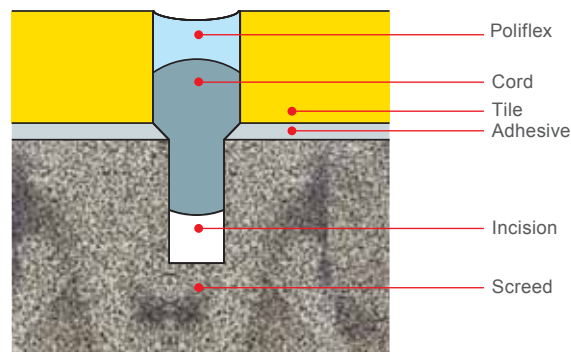


Fig. 1

### AVAILABLE COLOURS

03 ASH

04 ANTHRACITE

AMOUNT REQUIRED						
Depth of joint in mm	g/m of product joint width in mm					
	5	6	8	10	12	15
3	53	58	67	0		
5	69	77	92	108		
6		86	104	123	142	
7			117	139	160	193
10				185	216	263
12					253	309
15						379

As a sealant, it must be calculated remembering that the weight of the product is 1.5 g/cm<sup>3</sup>, as a sheath 1.5 kg/m<sup>2</sup> per mm of thickness. How to calculate the amount required as a sealant:

$A \times B \times 1.5 = \text{g/ml}$ .

A-B = joint dimensions in mm. (E.g.  $8 \times 5 \times 1.5 = 60 \text{ g/ml}$ .)

NOTE: add 30% to the amount required by applying the formula described above to allow for waste. Thus the quantity required in the case of the example will be 78 g.

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## WARNINGS AND RECOMMENDATIONS

- do not use on substrates subject to rising damp
- do not use on damp surfaces
- do not use at temperatures lower than 10°C
- do not use outdoors in places exposed to direct sunlight

TECHNICAL SPECIFICATIONS	VALUE
Aspect of the mixture	Pourable fluid
Mixing ratio	(A:B) 94:6
Temperature during application	min +10°C, max +35°C
Weight density of the mixture	1,6 Kg/lit.
Viscosity	25000cps
Pot life	* 2h
Can be walked on	* after 24-36h
Final setting	* 72h
Thermal resistance	from -30°C to +80°C

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

**Technokolla** reminds you to examine the **“notes” document** that completes the information in this data sheet. The document can be downloaded in the pdf format.

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