

**KOLLTEC**

**PRODUCT DESCRIPTION**



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**Kolltec** is a quick-setting, single-component waterproofing adhesive sealant for bonding and sealing **foiltec** waterproofing strips and accessories, both indoors and outdoors.

**Kolltec**, in combination with **foiltec** waterproofing strips, makes it possible to seal and waterproof the joints of **floortec** uncoupling membrane, as well as the connection points with **bordertec** profiles and **showertec** drainage systems, achieving a state-of-the-art final result.

**HOW TO PREPARE AND APPLY KOLLTEC**

1. The substrate where floortec, foiltec and accessories, bordertec are to be installed must be dry and clean;
2. mixing ratio: 3 kg (1 bag) - water 1 lt (35%);
3. pour the right amount of water into a clean container according to the application and slowly add the powder by mixing with an electric drill equipped with a mixing propeller until a homogeneous, lump-free mixture is obtained;
4. let the mixture rest 5 minutes and stir briefly for a few seconds;
5. the workability time of the product under normal temperature and humidity conditions is 50 minutes;
6. apply kolltec adhesive sealant, taking into consideration the different application situations (banding, corners, overlapping), using a smooth trowel and then a 3x3 mm or 4x4 mm notched trowel;
7. apply the foiltec sealing tape and pre-formed corners by applying good pressure with a smooth trowel, avoiding leaving gaps or creases;
8. during application, check the elapsed time and make sure that the mixture in the container has not formed the surface film that would not allow the tape to adhere.

**MATERIAL**

Single-component hygro-hardening thixotropic adhesive for laying elements in waterproofing systems. The final mix is made by simply adding one liter of water for a 3kg package. Box of 6pcs - 18kg.

## TECHNICAL FEATURES

### IDENTIFICATION DATA

Appearance:	Powder
Color:	Light gray
Storage time:	24 months (In original packaging in a dry place. Susceptible to frost.)

### APPLICATION DATA

Mixing ratio:	3 kg (1 bag) - Water 1 l (35%)
Mix consistency:	Creamy mortar
Mix curing time:	5 minutes
Mix pH:	13
Specific gravity of the dough:	1,4 kg/dm <sup>3</sup>
Setting time:	20 minutes
Dough life time:	about 50 minutes
Applicable thicknesses:	From 1 to 5 mm
Application:	3x3 mm notched trowel (or 4x4 mm)
Permitted application temperatures:	From +5°C to +35°C
Waiting time for coating application:	Immediate
Commissioning:	3 days
Operating temperature:	From -30°C to +80°C
Product application consumption:	FLOORTEC SEALING WITH FOILTEC/15 = 325g/ml FOILTEC SEALING (5 cm overlap) = 70g/ml FOILTEC SEALING with FOILTEC/15 = 180g/ml

### IDENTIFICATION DATA

Water impermeability under positive pressure:	No penetration	EN 14891 - A7
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Data measured at +23 °C temperature, 50% R.H. and no ventilation. May vary depending on specific site conditions.

## CLEANING AND MAINTENANCE

Cleaning of the equipment should be done with water when the product is fresh, mechanically when it has hardened.

## WARNINGS

Shelf life in storage: 24 months.

In hot climates, store the product packages in a cool place out of the sun before use.

Processing and setting times of the glue vary with the ambient temperature: higher temperatures shorten them, lower temperatures lengthen them.