

2-component flexible putty

Description

FLEX-COVER is a 2-component, fiber-reinforced, flexible putty. It is consisted of a cement-based powder (component A) and a resin emulsion (component B). It provides high elasticity, water impermeability and durability over time.

Fields of application

FLEX-COVER is used for local sealing and waterproofing of cracks, junctions between floors or ceilings and walls, window recesses etc., as well as for puttying surfaces with hair-cracks. It can be applied on plaster, concrete, gypsum boards, cement boards, wood etc. Suitable for indoor and outdoor applications.

Technical data

	Component A	Component B
Basis:	cementitious powder	acrylic polymer dispersion
Color:	white	white
Mixing ratio:	1 part by weight	0,3 parts by weight

Combined product:

Pot life:	90 min at +20°C
Bulk density:	1,80 kg/lit
Compressive strength:	7,00 ± 1,00 N/mm ²
Flexural strength:	1,70 ± 0,50 N/mm ²

Directions for use

1. Substrate

The substrate must be stable, free of oil, dust, loose materials etc., and thoroughly dampened before the application of FLEX-COVER.

2. Application

The content of the bag (component A) is added to the liquid (component B) under continuous stirring, until a uniform pasty putty is formed. The putty is applied by spatula in one or two layers, depending on application's thickness. The second layer is applied after the first one has dried.

Consumption

- For sealing a 5x5mm joint: 40 gr per running meter of joint.
- For surface puttying: 1,6 kg/m²/mm of layer thickness.

Packaging

Combined 2,6 kg package (2 kg cement-based powder + 0,6 kg resin emulsion).

Shelf-life - Storage

12 months from production date if stored in original, unopened packaging, in temperature between +5°C and +35°C. Protect from direct sun exposure and frost.

Remarks

- Temperature during application should be between +5°C and +30°C.
- In hot weather FLEX-COVER should be watered after application, to be protected from water loss.
- The A-component of FLEX-COVER contains cement and reacts as alkaline with water, so it is classified as irritant.
- Consult usage risks and safety advice written on the package.

FLEX-COVER



Volatile organic compounds (VOCs)

According to the Directive 2004/42/CE (Annex II, table A), the maximum allowed VOC content for the product subcategory g, type WB is 30g/l (2010) for the ready to use product.

The ready to use product FLEX-COVER contains max <30 g/l VOC.

ISOMAT S.A.
BUILDING CHEMICALS AND MORTARS
MAIN OFFICES - FACTORY:
17th km Thessaloniki - Ag. Athanasios Road,
P.O. BOX 1043, 570 03 Ag. Athanasios, Greece,
Tel.: +30 2310 576 000, Fax: +30 2310 722 475
www.isomat.net e-mail: info@isomat.net

The technical information and instructions supplied in this datasheet are based on the knowledge and experience of the Department of Research and Development of our company and on results from long-term applications of the product in practice. The recommendations and suggestions referring to the use of the product are provided without guarantee, since site conditions during the applications are beyond the control of our company. Therefore the user is responsible for confirming that the chosen product is suitable for the envisaged application. The present edition of this technical datasheet automatically cancels any previous one concerning the same product.

