

2.1 Silicone - polyurethane - acrylic & cement based sealants

SUPER FLEX POWDER

Resilient fiber-reinforced cementitious sealant for bridging 1-15 mm cracks



TECHNICAL SPECIFICATIONS (Measurement conditions: 23 °C and 50% RH)

Form	Cementitious mortar
Color	Whitish
Toxic/Flammable (according to EN 88/379)	No
Application temperature	From +5 °C to +35 °C
Temperature resistance	From -35 °C to +90 °C
Pot life	2 hours
Apparent specific gravity of dry mortar	0.95±0.05 kg/lt
Apparent specific gravity of fresh mortar	1.50±0.05 kg/lt
Water demand	• 75 ml of water per 250 gr of mortar • 1.5 lt of water per 5 kg of mortar
Max grain size	0.5 mm
Deformability	Approx. 10% at 5 mm

MECHANICAL PROPERTIES

Flexural strength according to EN 196-1 after

• 1 day	2.0±0.4 N/mm ²
• 7 days	3.0±0.4 N/mm ²
• 28 days	5.0±0.4 N/mm ²

Compressive strength according to EN 196-1 after:

• 1 day	5.0±0.5 N/mm ²
• 7 days	10.0±0.5 N/mm ²
• 28 days	15.0±0.5 N/mm ²

STORAGE

Store in well-sealed containers, in dry spaces, for at least 12 months from production date.

NOTE

The product, after full hardening, does not cause any health or environmental risk.

SAFETY DIRECTIONS

This product contains Portland cement and is classified as irritant. Consult the safety information on the package or the Safety Data Sheet before use.

PACKAGING

Carton box: 12 pieces of 250 gr
Carton box: 4 bags of 5 kg

PROPERTIES

New generation sealant in powder form, vinyl based with glass beads, thixotropic with zero shrinkage and strong adhesion on all porous or not surfaces.

It offers long lasting protection, it is water repellent, it is not affected by frost or constant moisture even against stagnant water, combining excellent sealing and waterproofing action.

It does not crack when drying, even in 20 mm deep fillings.

It can be colored when mixed with colorants DUROCOLOR POWDER-C at a ratio of 3% per weight, creating 96 fadeless shades, or it can be painted with emulsion or acrylic paints, 24 hours after its application.

APPLICATIONS

DUROSTICK SUPER FLEX POWDER is suitable for a variety of applications, for professional as well as private use. It seals without shrinking (pic. 34) or peeling off all joints or cracks on plaster (pic. 1), concrete, stone, tiles, marble, glass bricks, roof tiles, decorative bricks, etc. it is suitable for indoor and outdoor applications.

Ideal for sealing around steel, aluminium (pic. 1B, 2B, 3B) and wooden frames.

Effective for covering all kinds of minor cracks between different materials, i.e. plaster-concrete with stone or ceramics, as well as ceiling surfaces without shagging.

It can seal old, damaged joints in all types of decorative bricks and natural stones that have deteriorated over time (old stone houses, monasteries, churches, etc).

The use of the multipurpose forwarding pistol DUROSEAL 600 or the EMPTY CARTRIDGE by DUROSTICK facilitates the application of the material.

USE

1. Surface preparation

Surfaces must be clean, free of rotten parts, dust, oil and thorough watering should be done prior to application.

2. Application

Mix the quantity you wish to use with clear water at a ratio of 3 parts powder to 1 part water, stirring with a small metallic spatula or a low speed drill for the large container, until a homogenous, lump-free paste is created.

Place using a wet flexible spatula on the required spot and press until filling the gap (pic. 1A, 2A, 3A)

Flatten any possible flaws with a thin metallic or the application spatula. Before the surface has dried completely, smoothen with a wet soft sponge.

CONSUMPTION

250 gr cover 6 linear meters of 5x5 mm joint

CLEANING

Tools should be cleaned with water immediately after their use.



pic. 1

NO SHRINKING NO MORE CAPILLARY CRACKS

