

Filtene

Closed-cell expanded polyethylene compressible cord for joint filling



Drykos® **Filtene** is a closed-cell expanded polyethylene compressible cord, specifically designed for filling expansion, contraction, and control joints in building structures.

Inserting Drykos® **Filtene** into the joint allows for the correct definition and control of the joint depth before sealing with elastic waterproofing sealants, ensuring the proper geometry of the joint itself.

The product also performs an important elastic support function, reducing stresses caused by expansion and contraction movements on the joint walls and the sealant. In this way, it promotes the correct adhesion of the sealant exclusively to the side walls, preventing adhesion to the bottom and improving the elastic behavior of the system.

The use of Drykos® **Filtene** also contributes to reducing sealant consumption, optimizing costs and improving the durability of the intervention.

The product is available in various diameters, to be selected based on the width and depth of the joint to be sealed.

CHARACTERISTICS

Main characteristics

- Allows for the correct sizing of the joint depth before sealing
- Promotes optimal joint geometry, improving sealant performance
- Prevents sealant adhesion to the bottom of the joint, ensuring two-sided adhesion
- Reduces tensile and compressive stresses on the sealant caused by structural movements
- Improves the durability and elasticity of the sealing system
- Contributes to the reduction of sealant consumption
- Closed-cell material, non-absorbent and moisture-resistant
- Easy to install and adaptable to various joint sections
- Available in a wide range of diameters

Fields of use

- Filling of expansion, contraction, and control joints
- Joints in flooring and wall coverings
- Joints between precast concrete elements
- Joints in concrete structures, masonry, and civil works
- Interior and exterior applications
- Use in combination with elastic waterproofing sealants (polyurethane, silicone, MS polymers, etc.)

SPECIFICHE TECNICHE

Packaging

ø 10 mm - 25 m roll

ø 15 mm - 25 m roll

ø 30 mm - 25 m roll

Color

Gray.

Appearance

Expanded polyethylene cord.

Shelf life

The product has no storage limitations if correctly stored.

Storage conditions

Store correctly in the original, sealed, intact packaging, protected from moisture, frost, and direct sunlight, preferably at temperatures between +5°C and +35°C.

APPLICATION DATA

Theoretical consumption

1 m for every linear meter of joint

Application temperature

Minimum +5°C | Maximum +35°C

APPLICATION INFO

Substrate preparation

Drykos® **Filtene** must have a diameter approximately 25% larger than the joint width. The substrate must be sound, stable, clean, compact, dry, free from chemical pollutants, as well as free of loose or detaching parts, dirt, oils, grease, or other contaminants that could compromise sealant adhesion. Joints must be previously cleaned and emptied of any trace of other material by vacuuming dust.

Application

Insert Drykos® **Filtene** into the joint by manual pressure or using a non-sharp tool, positioning it at the desired depth based on the thickness of the sealant to be applied.

Once the cord is positioned, proceed with sealing the joint using the chosen elastic sealant, following the instructions in the relevant product data sheet.

Tool cleaning

Clean tools with water immediately after use.



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Other indications

- Do not use as a structural element or standalone sealant
- Do not puncture, cut, or damage the cord during installation
- Use non-sharp tools for insertion into the joint
- Always select the correct diameter based on the joint section
- Protect the product from prolonged UV exposure before sealing
- For anything not covered, contact Technical Support at +39 0171 1874992 or write to info@drykos.com

ENVIRONMENT AND SAFETY

Safety

The product is classified as an article and, in accordance with Regulation (EC) No. 1907/2006 (REACH), does not require the preparation of a Safety Data Sheet. During handling and use, it is nonetheless recommended to use appropriate personal protective equipment, such as gloves and protective goggles, and to comply with the safety procedures established at the workplace.

Use

Product for professional use.

WARRANTIES AND LEGAL NOTES

Should the product be defective, the liability of Drykos S.r.l. shall be limited solely to its replacement. The information and instructions in this technical data sheet regarding the application and end-use of the products are provided in good faith and reflect current scientific and technical knowledge; however, they do not constitute any guarantee or assumption of liability regarding the final outcome of the work involving their use. Given the variety of operating conditions and external factors beyond the control of Drykos S.r.l. during execution, it is the user's responsibility to verify the product's suitability for the specific application, assuming all risks and liabilities. Drykos S.r.l. reserves the right to modify the properties of its products at any time. Always refer to the most recent version of the product's technical data sheet. This edition cancels and replaces all previous versions. The latest updated technical data sheets are available on our portal at www.drykos.com.



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