

KBS® FR Caulking

Application Instructions for Fire Retardant Intumescent Caulk

Introduction

KBS® FR Caulking is used to seal electrical single cables or cable bundles, plastic pipes, steel and copper pipes which penetrate fire rated walls and floors.

KBS® FR Caulking has intumescent properties causing it to expand in volume when exposed to fire and forms an insulating foam which resists the passage of smoke and fire.

Procedure

Before applying **KBS® FR Caulking**, dirt, dust or oil have to be removed. Dry and absorbent surfaces should be wetted with water prior to application.

The space around the cables or pipes must be plugged with non combustible loose mineral wool.

Then **KBS® FR Caulking** is pressed out of the cartridge to obtain a tight seal on both sides of the penetration. The surface of **KBS® FR Caulking** can be smoothed by means of a wet brush.

Annular space according to UL

Annular space: min. 1/2" (13 mm), max. 1 1/2" (38 mm)
 Depth: min. 5/8" (16 mm)

Equipment cleaning

Being a water-based material, application tools may be cleaned with water after use.

Drying time

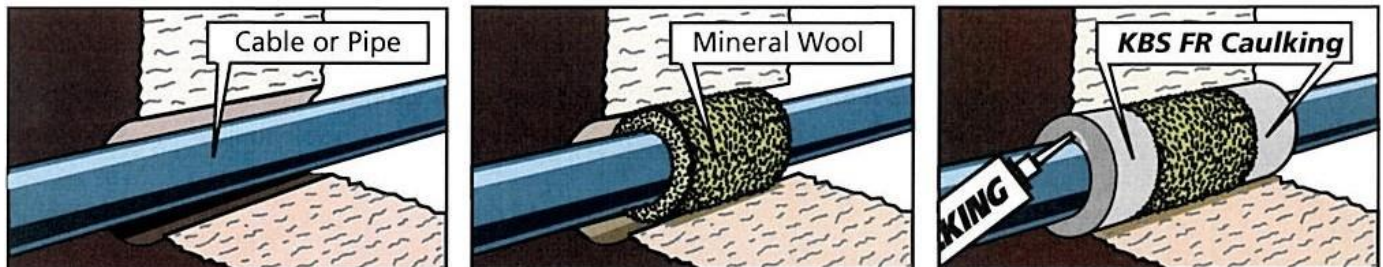
Drying time of **KBS® FR Caulking** depends of temperature and humidity, a 1/5" (5 mm) thick layer is dry after 2 weeks (73,5°F or 23°C at 50% RH).

Application temperature

KBS® FR Caulking is resistant to humidity and moisture. Application Temperature should not be less than 41°F or 5°C.

Safety instructions

User friendly – solvent free, does not contain asbestos or halogens. No special equipment required, when working with **KBS® FR Caulking** it is generally recommended to wear safety glasses and protective gloves.



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