

Z-FOAM®5000AB is a two-component high-activity chemical sealing material that can be used for glue injection construction with a static mixer. After the AB components are mixed and injected into cable conduits and wall perforated cavities, the raw materials can flow autonomously to fill various irregular gaps. After foaming and expansion, they quickly cure to form a rigid closed-cell foam layer. After molding, it has excellent airtight sealing performance, and also possesses thermal insulation, flame retardant, and long-term aging resistance characteristics. It is widely used in cable ducts, irregular wall penetrations, and sealing, providing comprehensive protection against rainwater and sediment infiltration, preventing rodents and insects from entering along pipeline channels, and providing stable and reliable sealing protection for power pipelines.



Features

- » Good air tightness
- » Gravity-fed filling and molding
- » Long-term stability and durability
- » Excellent flame retardant properties
- » Environmentally friendly, with no corrosion to materials

Applications

- » Cable duct bank
- » Rail transit
- » Communication base station facilities
- » Sealing of through-wall holes in building walls
- » Supporting facilities for industrial plants

Typical Properties of Z-FOAM®5000AB

Property	Value	Test Method
Color/Part A	Gray	Visual
Color/Part B	Black	Visual
Breakdown Strength (KV/mm)	1.48	GB/T 1408.1-2006
Compressive Strength (kPa)	710	GB/T 8813-2020
Tensile Shear Strength (MPa)	0.25	GB/T 7124-2008
Water Absorption (%)	12.4	GB/T 8810-2005
Dimensional Stability (%) @ -25℃, 48h	0.15	GB/T 8811-2008
Dimensional Stability (%) @100℃, 48h	0.18	GB/T 8811-2008
Shelf Life (M)	12	-
Mix Ratio	1:1	-

Instructions for Use

- Pre-construction cleaning:** Clean the work site, with a focus on wiping down the areas to be sealed.
- Safety protection preparation:** Wear labor protection supplies and implement on-site safety protection measures.
- Glue injection operation:** Cover the lower half of the pipe orifice with a demolding rubber blocking plate and press it down with your hand to prevent the glue from overflowing during injection; load the sealing material into the glue gun and inject glue evenly into the interior of the pipeline.
- Foaming and curing finishing:** After the glue injection is completed, move the glue blocking plate up to fully cover the pipe orifice. The product starts foaming in about 20 seconds and completes foaming in about 2 minutes, without the need for further pressing. Wait for 10 minutes until the material dries on the surface, and then tear off the glue blocking plate by hand.

Product Specifications

0.5kg/pcs (A: 0.25kg; B: 0.25kg)

For more information about our products, please contact our company.

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