

Intumex® GM Mineral Foam - Technical data sheet



General

Intumex® GM Mineral Foam is a hydraulic setting, self raising, two component incombustible foam, with an excellent cooling capacity in case of fire – due to its high amount on chemically bonded water.

The pure inorganic components will be mixed with water and foaming agent, liquid installed and chemically raised; therefore the characteristic data, such as density and strength, can be adjusted individually.

Area of Application

Filling of profiles and hollow sections with irregular sizes and shapes down to a gap size of few millimetres is possible due to the excellent creeping ability of the liquid Mineral Foam.

The fire resistance time is due to the thickness, and the mechanical properties are due to the density of the foam. Through variation of the ratio of dry mixture and liquid components the Mineral Foam is one solution for various requirements.

System Advantage / Customer Benefit

- ⇒ Excellent cooling capacity in case of fire
- ⇒ Curing at room temperature within a few minutes
- ⇒ Liquid installation, therefore form-locking connection

Technical Data – Intumex® GM mineral foam

Colour	beige
Foam density	300 – 1800 kg/m³
Wet: Dry ratio	1:1.8 up to 1:2.5
Foaming time	3 – 15 Minutes
Curing time	8 – 25 Minutes
Classification reaction to fire	A1 (EN-classification IBS-Linz)

Technical Data – Intumex® GM dry mixture

Colour	beige
Consistency	Powder
Bulk density	0,65 - 0,9 g/cm ³

Packaging - Intumex® GM dry mixture

⇒ 25 kg bags – 42 bags per pallet Subject to change!

Bip GmbH products must be applied in accordance with EU directives and national regulations for construction material in general, and the fire stopping in particular, with the applicable national test certificates, classification reports and approvals, and in accordance with applicable national building regulations. Product may only be applied by trained professionals with adequate knowledge of and experience in the use of fire stopping products, and only after a thorough review of the installation guidelines, the technical data sheets, the safety data sheets, and the national test certificates, classification reports and approvals. All the relevant documents can be obtained free-of-charge by contacting bip GmbH or from your local dealer via telephone or in writing: in addition all installation guidelines and the safety data sheets can be downloaded free-of-charge from the bip GmbH website (see www.intumex.at/. For Non-European Union countries separate guidelines are relevant. If required, please contact bip GmbH.



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Storage requirements

- ⇒ Store in cool and dry conditions
- ⇒ Avoid humidity
- ⇒ Shelf life of original sealed bags at least 2 months
- ⇒ Once opened, bags should be finished swiftly

Safety Instructions

- ⇒ Keep out of reach of children
- ⇒ Avoid contact with food
- ⇒ Avoid contact with your eyes
- ⇒ Please refer to the safety data sheet for additional advice