

## 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

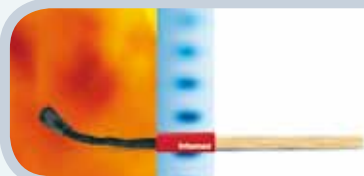
Colour	beige
Foam density	300 – 1800 kg/m <sup>3</sup>
Wet: Dry ratio	1 : 1.8 up to 1 : 2.5
Foaming time	3 – 15 Minutes
Curing time	8 – 25 Minutes
Classification reaction to fire	A1 (EN-classification IBS-Linz)

#### Technical Data – Intumex® GM dry mixture

Colour	beige
Consistency	Powder
Bulk density	0,65 – 0,9 g/cm <sup>3</sup>

#### Packaging – Intumex® GM dry mixture

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



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#### Storage requirements

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- ⇒ 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

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- ⇒ 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