



# Intumex® V - Fire Stopping Mortar

#### General

Intumex® V is a cement based fire stopping mortar. Intumex® V in combination with Intumex® MG performs to El120 in 100 mm walls. This combination results in time and material savings.

# Area of Application

Intumex® V in combination with Intumex® MG is a mortar system for walls and floors. It is designed for use with cables, cable bundles, combustible, non-combustible and ventilation pipes to seal against the spread of smoke and fire.

# System Advantages / Customer Benefits

- ⇒ Excellent thermal insulation
- ⇒ Hardens without tension, i.e. there will be no detrimental effect from thermal shock
- ⇒ Weatherproof/external use

#### Technical Data

Colour	light grey		
Consistency	powder		
Density	0.65 – 0.85 g/cm <sup>3</sup>		
Coverage	16cm (acc. to DIN 1164)		
Wet density	$1.4 \pm 0.2 \text{ g/cm}^3$		
Dry density	1.0 g/cm³ (after 28 days)		
Air content	13 % (1l container)		
Water absorption	1.6 l/m² (after 60 mins.)		
Bucket life	approx. 45 mins. (depending on the consistency)		
Hardness	Time	Bending strength	compression strength
	24 hrs.	1.4 N/mm <sup>2</sup>	2.7 N/mm <sup>2</sup>
	7 days	2.4 N/mm²	7.4 N/mm <sup>2</sup>
	14 days	3.0 N/mm <sup>2</sup>	9.2 N/mm <sup>2</sup>
	28 days	4.8 N/mm <sup>2</sup>	9.9 N/mm <sup>2</sup>

## Test Certificate / Approval

- ⇒ EN 1366-3 (cable/cable bundles, pipes), EN 13501-2/classification reports
- ⇒ ÖNORM B 3807
- ⇒ ASTM/UL

### Packaging

⇒ Paper bags with 25 kg – 40 bags per pallet Subject to change!

## Storage requirements

- ⇒ Store in cool and dry conditions
- ⇒ Avoid humidity
- ⇒ Shelf life of original sealed bags at least 12 months
- ⇒ Once opened, bags should be finished swiftly

#### Safety Instructions

- ⇒ Keep out of reach of children
- ⇒ Avoid contact with food
- Cement-based products react alkaline, therefore avoid contact with your eyes
- ⇒ Please refer to our safety data sheet for further precautions

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 <a href="https://www.intumex.at">www.intumex.at</a>). For Non-European Union countries separate guidelines are relevant. If required, please contact bip GmbH.

