

INNOVATIVE PRODUCTS FOR

ENHANCED INTUMESCENCE COATINGS DISCOVER DEGALAN® P 675 – DESIGNED ACRYLIC POLYMER FOR INTUMESCENCE COATINGS WITH ENHANCED STABILITY AND EXTENDED EVACUATION TIME

FEATURES

- Solvent-borne acrylic resin
- Styrene free
- High pigment load
- Soluble in various solvents
- High flexibility

ADVANTAGES

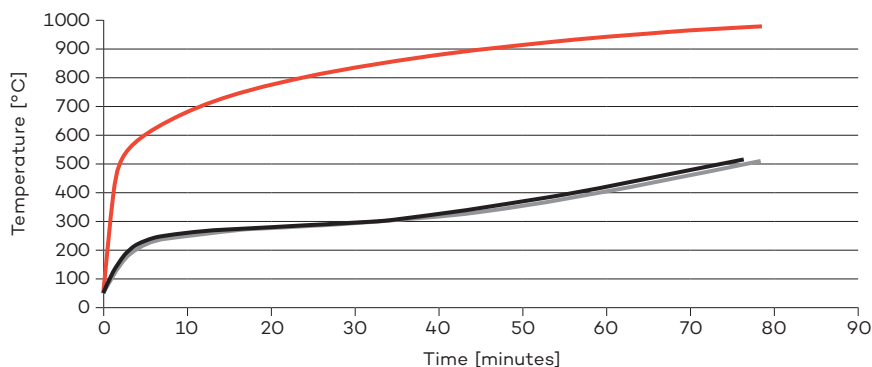
- Fast drying
- No toxic decomposition gases
- Long lasting fire protection
- Adjustable protection time
- Adjustable foam height
- Enhanced mechanical resistance

BENEFITS

- Easy to formulate
- Easy to apply
- Application by roller, brush and spray

TECHNICAL PROPERTIES

Fire test analogous DIN 4102 Part 8



- Plus 15% extra protection
- DFT 1100 µm +/- 100 µm
- Approx. 80 min of protection time with 1 mm DFT

■ Heat curve of furnace
■ Horizontal
■ Vertical

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STARTING FORMULATION V 1284

DEGALAN® P 675 Intumescent paint

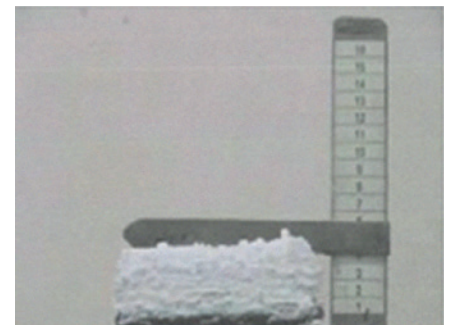
COMPOSITION

1	361.0	Binder solution	
2	53.5	CERECOR® S 52	Plasticizer, chlorinated paraffine
3	89.0	TIONA® 696	Titanium dioxide
4	19.8	POLSPERSE® 10	Kaolin
5	296.7	EXOLIT® AP 422	Ammonium polyphosphate
6	85.0	MELAFINE®	Melamine
7	85.0	EcoChem® Penta M 40	Pentaerythritol
8	10.0	Acrylic rheology modifier	Thickener
1000.0			

BINDER SOLUTION

1	246.5	DEGALAN® P 675
2	622.0	SHELLSOL® 100/140
3	131.5	Xylene
1000.0		

PRAXIS EXAMPLE



RÖHM

TRADITIONALLY **INNOVATIVE**

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