

BC 702 Spray 40 FR BC 768 Isocyanate

Description:-

BC 702 Spray 40 FR is designed for the production of sprayed foams for cavity filling, with an applied density of 40 kg/m³. The reaction of BC 702 Spray 40 FR and BC 768 Isocyanate gives foams with good mechanical properties, dimensional stability and good adhesion to usual substrates. Both high and low-pressure machine can be used during the processing. It is recommended a substrates temperature not lower than 25°C.

BC 702 spray 40 FR contains 141 bsa blowing agent.

Meet requirements of DIN Class B2 fire resistance levels and highly recommended for use in modern architectural building for insulation and fire resistance application

Typical Component Properties:

	Units	BC 704 Spray foam	BC 768 Isocyanate	Test Method
HydroxylNr	mgKO H/g	320	-	ASTMD4274d
NCOcontent	%	-	31.0	ASTMD5155
Viscosity	mPa.s	250(20-25°C)	210(25°C)	ASTMD445
Specific Gravity	-	1.105(20/20°C)	1.24(25/25°C)	ASTMD891

Recommended Process Conditions:

	Units	Limits
BC 705 Spray foam	pbw	100
BC 768Isocyanate	pbw	120

Typical Reaction Characteristics:

	Units	Hand mix	Test Method
Cream time	s	6-8	Internal BC IMethod-SH-PM-02
Gel time	s	12	Internal BCI Method-SH-PM-02
Tack Free Time	s	14	Internal BCI Method-SH-PM-02
Free rise density	Kg/m ³	45-48 Kgs/ m ³	Internal BCI Method-SH-PM-04

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Handling and Storage:

	Units	BC 702 45 Polyol	BC 768 Iso cyanate
Storage temperature	°C	15-25	15-25
Storage stability/Shelf life)	months	3	6

Typical Polymer Properties:

	Units	Values	Test Method
Working ratio Pol/Iso	pbw	100/120	/
Over all applied density	Kg/m ³	55-60	ASTMD1622
Closed cell content	%	>95	ASTMD2856
Initial thermal conductivity,23°C	mW/mK	0.023	UNI7891
Compressive strength (thickness direction)	KPa	350-420	ASTMD1621
Dimensional stability (linear changes)			UNI8069
- 48hoursat-25°C	%	1max	
- 48hoursat70°C	%	1max	

Packing:

BC 702 Spray40 Polyol 220 Kgs
BC 768 Iso cyanate 250 Kgs

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