

Product Information MASK HP

General Information

MASK Polyurea HP is a modified polyurea designed for architectural waterproofing and seamless linings. It offers cost savings along with

easy processing, maintaining good physical properties.

Properties	Unit	Typical values	Sales specifications
Chemical and Physical Data of MASK Polyurea HP- AMINE / MASK Polyurea HP - ISO			
Appearance Amine component Isocyanat resin		clear to yellowish liquid yellowish to brownish liquid	
Density at 25°C Amine component Isocyanat resin	g/cm ³ (lb/ft ³) g/cm ³ (lb/ft ³)	1.00 (62.4) 1.12 (69.9)	
Primary amine value / NCO content	mg KOH / g wt%	221 16	min. 216 15.4 – 16.4
Viscosity Amine component Isocyanat resin	mPa·s mPa·s	< 1500 1000	
Water content of the Amine	wt %	0.05	max. 0.25
Boiling point Amine component Isocyanat resin	° C (° F) ° C (° F)	> 200 (> 392) > 200 (> 392)	
reaction time	s	15	
Processing parameters			
Block Temperature	°C (°F)	70 - 80 (158 - 176)	
Hose Temperatures (A and B)	°C (°F)	70 - 80 (158 - 176)	
Constant pressure	bar	120	
Physical Properties of the reaction product / sprayed surface			
cure time, walkable	min	2	
Density at 25°C (cured)	g/cm ³ (lb/ft ³)	1.02 (63.7)	
Elongation ASTM D412	DIN 53455	400	
Tensile strength ASTM D412	DIN 53504	16	
Tear strength ASTM D624C		20	
Shore-A/D ASTM D 2240	DIN EN 53505	94/40	
Abrasion (Taber H 18)	DIN 53516	240 (approx.)	

