Polyurethane
eco-friendly polyurethane

Technical Data Sheet

System Definition

System		System Definition
A	**PU 1985**	Polyester Polyol
B	**ISO 1985**	Isocynate

Application

If filling a pillar or post, drill a 3/8” (1 cm) hole toward the upper portion of the pillar or post. Place tip of Long Static Mixer into hole and fill with the appropriate amount of material.

Note:

When gunned slowly, Rigid Urethane Foam will expand quickly after exiting the static mixer; however, when gunned quickly, Rigid Urethane Foam wil expand at a slower rate allowing the maximum working time for hard to reach areas.

Storage Conditions

Polyurethane systems are sensitive to moisture. Covers must be stored in the component storage properties given temperature in closed drums.
Polyol mixing system must be homogenized before use.
The product should be stored in a cool dry place with adequate ventilation away from heat, sparks and flames. The shelf life for the product is 1 year when stored under normal conditions.

System features

	Unit	A	B	Method
Storage Temperature	^{o}C	+4 - 35	+4 - 35	-
Shelf life	month	6	6	-
Specific gravity (25 ° C)	g / cm^3	1,130	1,090	ASTM D891
Viscosity (25 ° C)	mPa.s	750 ± 100	270-370	ASTM D4878-08
Free NCO content	%	-	10	ASTM D5155-10

Reaction Profile *

	Unit	Value	Method
Mixing Ratio (A / B)	weight	30/60	In-house method
Creaming time	s	30	In-house method
Bulk Density	kg / m3	1300	-

Working conditions

	Unit	A	B	Method
Tank Temperature	^{o}C	130	90	-
Recommended Mold Temperature	^{o}C 200			-

Possible Hazards

Isocyanate / prepolymer (B) the respiratory organs, eyes and skin irritant. Inhalation, can allergic effect by the contact with the skin. care should be exercised when using these materials. Same conditions not only for the component B, component A (polyol) in use also apply. MSDS information must be read before use.

Waste Status

Refer to the technical information card in the disposal of waste. Destroy in accordance with environmental legislation.