RIGID SPRAY FOAM

TWO COMPONENT RIGID POLYURETHANE FOAM SYSTEM –POUR IN PLACE

DRYLEX SPF-36 is a slow cure type polyol formulation containing polyols, catalysts, surfactants and water or HCFC 141b blowing agent.

It is designed in combination with Polymeric MDI, (PMDI 6136) isocyanate, for the rigid polyurethane foam production with pour in place and injection applications.

It is a slower cure product compared to spray foam , allowing pouring and injecting applications. It is used to produce insulated boards, tank and pipeline insulations, injection and filling works. Due to high closed cell content, suitable for marine and buoyancy applications.

The Resulting Rigid Foam is classifed as B3 Fire Class according to DIN 4102.

SYSTEM PROPERTIES	
POLYOL	RIGID FOAM DRYLEX SPF-36
İSOCYANATE	Diphenylmethane Diisocyanate , PMDI 6136

TYPICAL COMPONENT PROPERTIES				
	Units	Polyol	Isocyanate	Methods
Specific gravity (25 oC)	g/cm^3	1,12	1,20	DIN 51 757
Viscosity (25 oC)	MPa.s	230	210	ASTM D4878-98
NCO content	%	-	30,8	ASTM 5155-01
OH value	mg KOH/g	310	-	ASTM D 4274-99
Storage	month	6	6	

TYPICAL REACTION CHARACTERISTICS		
	Units	Value
Mixing ratio (poly/iso)	Part by volume	100-120
Cream time	sec	49
Gel time	sec	176
Tack free time	sec	215
Free rise density	kg/m^3	36-42

RECOMENDED PROCESS CONDITIONS		
	Units	Value
Temperature of Polyol	°C	20-22
Temperature of Isocyanate	°C	20-22

Warning: Take necessary precaoutions to protect yourself and surroundings during application and materials handling. Use with proper skin, eye and respiratory protective equipment, means and tools.

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