



Pur'fect RWF Light – CPR-14
EN14315-1:2013
Sprayed PU foam
Thermal insulation for buildings

Developed for

The weatherization and air tightening of residential buildings with a conventional spray machinery. Fully formulated polyol blend for spray application of very low density open cell rigid polyurethane foam.

Polyol

Mixture of polyether polyols, flame retardants, activators (contains amine), stabilizer and water

Isocyanate

Product based on Diphenylmethanediisocyanate (MDI)

Typical properties

			Polyol	Isocyanate	
Liquid properties	Density 25°C	g/cm ³	ca. 1,09	ca. 1,23	
	Viscosity 25°C	mPas	ca. 2900	ca. 200	
Formulation	Polyol	RWF Light	100 Parts by volume		
	Isocyanate	Pur'fect 100	100 Parts by volume		
Quality control Cup test	Material temperature			20°C	
	Cup weight				
		Polyol			50 g
		Isocyanate			55 g
		Parameter			
		Cream time			ca. 4 sec
	Gel time			ca. 8 sec.	
	Free rise density			ca. 8 kg/m ³	
Physical Properties (typical)	Core density		EN ISO 845	8 kg/m ³	
	Closed cell content		ISO 4590	2,5 %	
	Water vapour transmission		EN ISO 1663	168 g/24h m ²	
	Reaction to fire		EN 13501-01	F class	
			DIN 4102-1	B3 class	
		GOST 30244	G3 class		
Thermal conductivity	See Dop at:		Zie www.technisol.nl/cemarkering		

Processing

Usage instruction

To be used with a two-component high pressure-dosing machine, mix ratio 1:1 by volume.

Surface treatment

Machine and hoses should be heated at 40-60°C. Pressure at pump min. 65 bar. Pressure difference between A and B component not more than 15 bar

All substances that have a negative influence on foam quality or the adhesion like oil, grease or water have to be removed. Surface that provide low adhesion to the foam have to be treated with an adhesion promoter. The clean and dry surface should have a temperature of not less than 10°C. Lower temperatures or wet substrate surfaces may cause irregular cell size, poor dimensional stability and adhesion

Application of Foam

Apply multiple individual layers to get the desired thickness

Safety

Wear appropriate protective clothing preferably with a self-contained breathing apparatus

Please pay attention to the safety data sheet, it contains handling information

It is advisable to avoid direct skin contact with freshly produced polyurethane, because of the fact that in case of not covered polyurethane the surface may obtain traces of starting and successive products which are e.g. dangerous to health or have irritating, cauterizing and/or sensitizing properties.

Storage

Storage, packaging and supplying

The packaging has to be closed very well. This product is very sensible to moisture. The storage temperature is recommended at 25°C. Polyol should not be stored below 15°C and the isocyanate not below 20°C.

The storage life is guaranteed for 3 months.

Packaging and supplying

All products can be delivered in drums.

The product information are made to the best of our believe, they are however not obligatory. This concerns also trademark rights of third parties. The above mentioned product information have to be proved additionally by an individual test of our products regarding the application for the intended processing of our purpose. The processing of our products and the products manufactured by the customer according to our technical support are out of our controlling possibilities and therefore subject to the responsibility of the customer.