



PRODUCT	<b>Polyroof X200</b>
MISSION	Flexible hydro-expansive polyurethane resin
CHARACTERISTICS	Polyroof X200 is a single-component prepolymer, accelerated with Polyroof X200 A (accelerant), solvent-free, ideal for blocking water leaks in concrete or brick constructions. Polyroof X200 is mainly used to waterproof large or small cracks and connections, dynamic and wet; and can even be used for major leaks and running water, which can be waterproofed quickly and effectively. Polyroof X200 reacts with water to form a flexible, closed-cell polyurethane foam. The final product, injected under pressure, does not swell or shrink. In a fairly short time a good pressing force is obtained.
APPEARANCE	Yellow liquid

**CHARACTERISTICS OF THE LIQUID PRODUCT**

CHARACTERISTICS	VALUE	TOLERANCE	U.M.
Density	1,08	± 0,05	g/cm <sup>3</sup>
Viscosity	245	± 20	mPa.s
Isocyanate	7,7	± 0,5	M.%
Flash point	> 150	± 5	°C

**APPLICATION INSTRUCTIONS**

TOOLS	THINNING	TYPE OF THINNER	TOOL CLEANING
Injection tools	Ready to use		DIL A1

LAYING SURFACE	The laying surface must be free from dust, oils and loose parts. In case of application on dry surfaces is necessary to saturate them with water.
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CONSUMPTION	The consumption depend from the type of application. Make some tests to calculate with more accuracy the consumption.
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APPLICATION INSTRUCTIONS	Shake the accelerator well and make sure that the mixture is homogeneous. Mix the resin and accelerator in a ratio of 6 to 10% acc. depending on the desired reaction speed. This resin must always be injected with a certain back pressure.
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REACTION TIMES AT 20°C	A good pressing force is obtained in a fairly short time, determined by the percentage of accelerator used. The times indicated refer to standard laboratory conditions. Foam formation times are strongly influenced by weather conditions, product temperature and the condition of the substrate.
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REACTION TIMES		
AMOUNT OF CATALYST (POLYROOF X200A)	REACTION	POLYMERIZATION
6%	30 seconds	115 seconds
8%	25 seconds	90 seconds
10%	20 seconds	75 seconds

<b>PACKAGING INSTRUCTIONS</b>	<b>COLOURS AVAILABLE</b> Neutral	<b>PACKAGING</b> Polyroof X200 = 25 Kg Polyroof X200 A = 2,5 Lt
<b>STORAGE INSTRUCTIONS</b>	<b>STORAGE TEMPERATURE</b> MIN 10° C – MAX 20° C	<b>STABILITY IN THE ORIGINAL PACKAGE</b> 2 years
	The product is extremely sensitive to humidity and is packaged in a nitrogen atmosphere. It is advisable to finish open containers as soon as possible. It is recommended to store the material at the temperatures indicated in this technical data sheet.	
<b>SAFETY STANDARDS</b>	Please read the safety data sheet carefully before using this product.	