

# RAYSTON FIRE 3 1

RAYSTON  
products



2-component polyurethane, 100% solids for anticorrosion and Fire-resistant waterproofing membranes.

## DESCRIPTION

2-pack polyurethane for waterproofing and anticorrosion applications, with fire resistant properties. Protection against chemical attack (acid or base). Easily cleaned/decontaminated.

Application on several substrates: metal, concrete, gypsum, brick, etc.

## CERTIFICATIONS

Fire certification B-Roof T3 (combined system with Rayston Spray Foam 50W)

## TECHNICAL DATA

### PRODUCT BEFORE APPLICATION

Mixing ratio polyol/iso(volume)	3/1
Mixing ratio polyol/iso (weight)	100/28.7
Mixture density	1,43 kg/L ( $\pm 0.05$ )
Viscosity	6500 $\pm$ 500
Solids content	100%
Flash point	> 100°C
Pot life at 20°C	15 min
Use temperature (air)	- 20 to +100°C
Use temperature (immersed in water)	80°C max.

### FINAL PRODUCT

Application temperature	>5°C
Hardness (Shore D)	72 $\pm$ 5
Tensile strength	22 $\pm$ 20 %
Elongation	25%
Colour	Off-white

## ENVASES

Poliol : 300 kg, drum  
Isocyanate : 250 kg drum

Cans:

**Kit 115 kg:** Polyol: 3 container with aprox 30kg/can + isocyanate: 1 container with aprox 25kg

**Kit 1150 kg:** Polyol: 3 container with aprox 300kg/can + isocyanate: 1 container with aprox 25kg

## STORAGE

12 months after manufacturing in its original sealed container. Keep in dry conditions between 8°C and 20°C.

## APPLICATION

Use specific equipment for 3:1 mixing ratio. Standard 1:1 machines may be adapted to this ratio (consult Krypton Chemical technical department), or use pneumatic (e.g. WIWA Duomix 230 or 330) or variable-ratio machines. Stir and homogenise component A before use.

## OTHER INFORMATION

The information contained in this DATA SHEET, as well as our advice, both written as verbal or provided through testing, are based on our experience, and they do not constitute any product guarantee for the installer, who must consider them as simple information.

We recommend to study deeply all information provided before proceeding to the use or application of any of our products, and strongly advise to conduct tests "on-site" in order to determine their convenience for a specific project.

Our recommendations do not exempt of the obligation of installers to deeply study the right application method for these systems before use, as well as to conduct as many preliminary tests as possible should any doubt arise. The application, use and processing of our products are beyond our control, and therefore under the exclusive responsibility of the installer. In consequence, the installer will be the only responsible of any damage derived from the partial or total in-observation of our indications, and in general, of the inappropriate use or application of these materials.

**This data sheet supersedes previous versions.**



KRYPTON CHEMICAL SL

C/ Martí i Franquès, 12 - Pol. Ind. les Tàpies  
43890 - l'Hospitalet de l'Infant - Spain  
Tel: +34 977 822 245 - Fax: +34 977 823 977  
www.kryptonchemical.com - rayston@kryptonchemical.com

Latest update: 20/09/2021

Page: 1/1