

## High-Performance Semi-Rigid Epoxy

# RR1970

### PRODUCT

RR 1970 is an epoxy resin based on 100% solids of two components. It was developed for semi-flexible seals in joints up to 10% handling exposed to impacts. Excellent characteristics allow it to be used in high traffic such as industrial floors, warehouses, high movement of forklifts and carts with solid wheels, crack repairs, correction of damaged edges, etc.

### APPLICATION

For a good grip and quite satisfying result, RR 1970 should be applied to a surface which is clean, completely dry, free of dust and dirt contaminants (grease, oil and silicones).

RR 1970 must be applied in joints 3 to 20 mm wide.

#### IDEAL MEASURE OF APPLICATION

Width	Depth
3 mm	12 mm
6 mm	24 mm
8 mm	32 mm
10 mm	40 mm
12 mm	48 mm

**NOTE:** To fix cracks it should be filled throughout thickness of the floor. Make a premix of each component A (resin) + B (hardener) until a homogeneous compound is attained.

**NOTE:** The mixture of components A + B must be held in the container of component A. To prevent leakage through cracks it is necessary to use the backer rod and/or quartz sand.

### LIMITS OF APPLICATION

It should not have any type of moisture, dust or dirt in the joints where RR 1970 is applied.

### NEW FLOORS

It is recommended that the concrete reach at least 70% of its final retraction. The estimated time for application is a minimum of 90 days. Application should be made in the coldest period of the day or night. If there separation or displacement of the edges happens, it is not because of the material, but only due to alleviation of tensions. To fix, remove the dust and debris and complete with RR 1970.

### CHARACTERISTICS AND PERFORMANCE

Property	Part A	Part B	Mixture
Color	Gray	Caramel	Gray
Relation to mixture	100	70	100:70
Dry to touch 77F (25C)			
Time of cure 77F (25C)			
Pot Life at 77 (25C)			
Package	2,35 kg bucket	1,65 kg bucket	Kit 4 kg

Yield of product: joint of 1x1 = 30 linear meters = Kit 4 kg

### PHYSICAL PROPERTIES

Characteristics	Results
Solids Content	100%
Shore hardness A	70 - 80
Elongation	140%
Tension of rupture	296 psi (lb/in <sup>2</sup> )

### HEALTH AND SAFETY

Use protective glasses and rubber gloves. Direct contact with the skin should be avoided (can cause irritation). In case of contact with the skin or eyes, wash immediately with abundant water and consult a doctor. Keep out of the reach of children and animals.

### STORAGE

RR 1970 should be stored in a dry, covered and ventilated location at around 77°F (25°C).

### VALIDITY AND STORAGE

6 months from date of manufacture, provided it is stored at below 77°F (25°C) in a dry and ventilated place in original packaging.