

TECHNICAL BULLETIN

EPOCAST F

Characteristics

EPOCAST F consists of a filled mixture of specially chosen polyoles curing with isocyanates to elastics polyurethane form materials. Due to the low exothermal reaction during the curing process – even of larger quantities – and the low shrinkage stress the chocking compound is excellently suitable for pouring of sensitive pressured devices and elements. **EPOCAST F** is characterized by long application times and smooth surfaces after curing even at increased air humidity.

Unit size

1 unit	EPOCAST F	(Resin and Hardener)	3,7 Ltr.
		Net Weight Resin	4,0 kgs
		Net Weight Hardener	1,0 kgs

Colour

The resin is delivered in blue standard colour. Other covered colours are available for larger purchasing quantities (at least complete 300 kgs).

Working Procedure

Before taking the resin out of the can the resin is to be mixed homogeneously with a mixing tool. Avoid formation of bubbles!

Mix the resin and hardener in weight relation 100 : 25 or 4 : 1. The mixing procedure should be repeated after a short time due to a pre-reaction which causes full sociability of the resin and hardener components.

Period of Application

After mixing of resin and hardener immediately starts a reaction which limits the period of application to 60 min. at room temperature. Higher temperatures reduce the period of application.

Curing Process

At room temperature the curing process is finished after approx. 36 hours. Even high air humidity (93%) extremely smooth surfaces can be achieved with this pouring system. Increased temperatures during curing (e.g. 60 °C – 1 hour).

Physiological Characteristics

This product is a processed reaction medium on basis of various polyoles which is principally not injurious to health. Longer contact with the skin may cause in special cases irritation of the skin. Therefore certain protection measures, in general those which are usually applicable for handling of chemicals, should be considered.

Resin compounds (mixture with isocyanates) are to be treated according to special measures for this hardener group.

The information stated in our Technical Bulletins should be of advisory function and helpful regarding the application of the products. The contents is, however, without and liability.

Enclosures: Technical Data (Laboratory data)