



# CHOCKFAST<sup>®</sup> ORANGE

Product of the *ITW* Performance Polymers

## Description

**Chockfast<sup>®</sup> Orange** (PR-610TCF) is a specially formulated 100% solids, two component inert filled casting compound developed for use as a chocking or grouting material. **Chockfast<sup>®</sup> Orange** is designed to withstand severe marine and industrial environments involving a high degree of both physical and thermal shock. PR-610TCF is approved or accepted for its intended marine use by all major classification societies and most other major regulatory agencies worldwide.

## Application

**Chockfast<sup>®</sup> Orange** was developed as a chocking or grouting compound for use under marine main propulsion machinery. The compound is used under diesel and gas engines, reduction gears, generators, compressors, pumps, bearing blocks, crane rails and numerous other applications.

## Features

**Chockfast<sup>®</sup> Orange** requires no special tools or special skills as does chocking with steel. The compound is non shrinking and has very high impact and compressive strength. When cast, **Chockfast<sup>®</sup> Orange** flows readily into the chock area filling voids and conforming to all irregularities. This eliminates the machining of base plates or foundations for a perfectly fitted chock.

## Mechanical proprieties

Coefficient of linear thermal expansion	30,8 x 10 <sup>-6</sup> 1/K	ASTM D-696
Linear shrinkage	2 x 10 <sup>-4</sup> mm/mm	ASTM D-2566
Compressive strength	131 N/mm <sup>2</sup>	ASTM D-695
Compressive modulus of elasticity	3676 N/mm <sup>2</sup>	ASTM D-695
Tensile strength	34 N/mm <sup>2</sup>	ASTM D-638
Flexural strength	56 N/mm <sup>2</sup>	ASTM C-580
Flexural modulus of elasticity	7147 N/mm <sup>2</sup>	ASTM C-580
Shear strength	37 N/mm <sup>2</sup>	FED-STD-406
Hardness - Barcol	>40 °Barcola	ASTM D-2583
Specific gravity	1,58 kg/dm <sup>3</sup>	
Pot life	30 min. @ 21 °C	
Cure time	48 hours @ 15 °C 36 hours @ 18 °C 24 hours @ 21 °C 18 hours @ 26 °C	

## Market form

Metal cans

3,4 kg / 2,0 dm<sup>3</sup>  
6,8 kg / 4,3 dm<sup>3</sup>



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