



# *Polski Rejestr Statków*

## TYPE APPROVAL CERTIFICATE

### ŚWIADECTWO UZNANIA TYPU WYROBU

Certificate No.  
Nr świadectwa

**TM/816/800002/02**

Valid until  
Ważne do

**2005-09-26**

This is to certify that the undernoted product is approved as complying with PRS Rules and suitable for use on board of ships classified by PRS or in appliances with PRS certificates.

*Zaświadcza się, że niżej określony typ wyrobu uznaje się za spełniający przepisy PRS i odpowiedni do stosowania na statkach z klasą PRS lub w urządzeniach otrzymujących dokumenty PRS.*

Product:  
Wyrób:

**Pourable compounds for foundation chocking**

Type:  
Typ:

**CHOCKFAST ORANGE (PR-610TCF)**

**CHOCKFAST GRAY (PR-610FR)**

Manufacturer:  
Wytwórnia:

**ITW Philadelphia Resins  
130 Commerce Drive  
Montgomeryville, PA 18936  
United States of America**

General technical data:  
Ogólne dane techniczne:

	<b>CHOCKFAST ORANGE (PR-610TCF)</b>	<b>CHOCKFAST GRAY (PR-610FR)</b>
<i>Application:</i>	Chocking of main and auxiliary engines, reduction gears, thrust bearings, stern tubes and other auxiliaries where alignment is to be maintained precisely	Chocking of deck and auxiliary machinery where alignment need not be maintained precisely
<i>Service temperature:</i>	≤ 90°C	< 52°C
<i>Chock thickness:</i>	12 – 70 mm	12 – 50 mm
<i>Compressive strength:</i>	131 MPa	110 MPa
<i>Tensile strength:</i>	34.2 MPa	27.5 MPa
<i>Barcol hardness:</i>	40-45	35-40

Basis of approval:

*Podstawa uznania:*

1. The Manufacturer's technical bulletins Nos. 692B, 601D (6/99), 656F (October, 99), 659D (May, 00).
2. Test reports of: University of Pennsylvania, Dynatech, Naval Research Laboratory, Tinius Olsen and Franklin Institute Research Laboratories.
3. The previous Certificate of Type Approval No. TM/697/800002/99, issued by Polski Rejestr Statków on 1999-09-06.
4. The reference lists of main engines, auxiliaries and other equipment installed on Chockfast chocks.

Additional conditions and remarks:

*Warunki dodatkowe i uwagi:*

1. Prior to each individual installation of propulsion machinery detailed chocking plan, including all necessary calculations, is to be submitted to PRS Head Office for approval.
2. Deck and auxiliary machinery chocking plans are to be agreed with the attending PRS' Surveyor.
3. The relevant instructions of ITW Philadelphia Resins regarding mixing, pouring and curing of the compounds as well as the machinery manufacturer's relevant instructions regarding machinery installation are to be followed.
4. Alignment and installation of machinery are to be carried out under PRS' supervision.
5. Chocking is to be carried out by a firm approved by PRS.
- 6 A plate is to be fixed to the machinery seated of the pourable chocks indicating the name of chocking compound, the chocking firm name, date of chocks pouring and tightening torque or desired tension of the holding-down bolts.

General conditions:

*Warunki ogólne:*

The approval is valid only when the product is used in accordance with the manufacturer's conditions.  
*Uznanie jest ważne tylko wówczas, kiedy wyrób jest eksploatowany zgodnie z warunkami wytwórni.*

Changes of product design and materials, which influence product quality, are to be agreed with PRS.  
*Zmiany konstrukcji wyrobu i materiałów mające wpływ na jakość wyrobu powinny być uzgodnione z PRS.*

The approval may be withdrawn in case of:

*Uznanie może być cofnięte w przypadku:*

- unsatisfactory service results;  
*niezadawalających wyników eksploatacyjnych;*
- changes in design and materials without PRS' consent;  
*zmiany w konstrukcji i materiałach bez uzgodnienia z PRS;*
- alterations of rules and approval practice.  
*zmiany w przepisach lub trybie uznawania.*

Polski Rejestr Statków (PRS) means Polski Rejestr Statków S.A.  
*Polaki Rejestr Statków (PRS) oznacza Polski Rejestr Statków S.A.*

Manager of Department  
*Kierownik Inspektoratu*

Gdańsk, **2002-09-27**

Director  
*Dyrektor*

