



Polski Rejestr Statków

TYPE APPROVAL CERTIFICATE

ŚWIADECTWO UZNANIA TYPU WYROBU

Certificate No.
Nr świadectwa **TM/817/800002/02**

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 chocks with fitted bolts or thrust sleeves
made of Chockfast composite material**

Type:
Typ: **CHOCKFAST ORANGE (PR-610TCF)**

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

General technical data.
Ogólne dane techniczne:

Application: Chocking of propulsion machinery and auxiliaries
where fitted bolts or thrust sleeves are required

Service temperature: ≤ 90°C

Chock thickness: 12 - 70 mm

Compressive strength: 131 MPa

Tensile strength: 34.2 MPa

Barcol hardness: 40-45

Basis of approval:
Podstawa uznania:

1. The previous Certificate of Type Approval No. TM/690/800002/99, issued by Polski Rejestr Statków on 1999-06-14.
2. Type Approval Certificate No. TM/816/800002/02, issued by Polski Rejestr Statków on 2002-09-27.
3. „Installation Procedure for the Use of Chockfast Orange with Fitted Bolts” (October 1998) and „Installation Procedure for the Use of Chockfast Orange with Thrust Sleeves” (October 1998) approved by PRS.
4. The Manufacturer's Test Report „Compressive Tests of Chockfast Orange Cast as Radial Sleeves of Thin Cross Section” (October 1998).
5. 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. The relevant instructions and installation procedures of ITW Philadelphia Resins regarding casting of the chocks, as well as the machinery manufacturer's relevant instructions regarding machinery installation are to be followed.
3. Alignment and installation of machinery are to be carried out under PRS' supervision.
4. Chocking is to be carried out by a firm approved by PRS.
5. 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.
Polski Rejestr Statków (PRS) oznacza Polski Rejestr Statków S.A.

Manager of Department
Kierownik Inspektoratu



Gdańsk, **2002-09-27**

Director
Dyrektor

