

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Protective Coatings for Propeller Shaft**with type designation(s)
Devcon® CELLOFLEX-M

Issued to

**ITW Performance Polymers
Shannon, Ireland**

is found to comply with

DNV GL class programme DNVGL-CP-0428 – Type approval – Coating systems for protection of propeller shafts**Application :****Coating system for protection of propeller shafts.**Issued at **Hamburg** on **2019-03-04**This Certificate is valid until **2024-02-27**.DNV GL local station: **Manchester**Approval Engineer: **Joachim Rehbein**for **DNV GL****Thorsten Lohmann
Head of Section**

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.



Product description

Devcon® CELLOFLEX-M: Propeller shaft coating system includes

- PRIMER S 2
- WBS – two component epoxy based resin system for corrosion protection
- WBD – two component epoxy based resin system with glass mat

Assessed production site

ITW Performance Polymers, Bay 150, Shannon Industrial State, Co. Clare, Ireland

Application/Limitation

This approval is solely connected to the corrosion prevention properties of the coating material. The approval does not include any evaluation of toxicity, contamination, pollution or fire technical properties.

Surface preparation and coating system application as per ITW Performance Polymers Application Procedure.

The application has to be carried out under supervision of the manufacturer or an authorized representative recognized by the Society.

The Type Approval Certificate is invalid if the formulation of any of the components of the ITW Performance Polymers Shaft Coating System is changed to a degree deemed significant by DNV GL.

The information of each application shall be submitted as part of the documentation for approval to DNV GL.

Type Approval documentation

Tests carried out

According to type approval documentation.

Marking of product

Product/package shall be marked with manufacturer's name; type designation (ref. above listed components) and date of production/batch number.

The marking is to be carried out in such a way that it is visible, legible and indelible. The marking of product is to enable traceability to the DNV GL Type Approval Certificate.

Job Id: **262.1-026634-1**
Certificate No: **TAM0000127**

Periodical assessment

For retention of the type approval certificate periodical assessments shall be carried out at production places by DNVGL surveyor.

The objective of the periodical assessment is to verify that the design and production conditions for the type approval have not been altered.

Main scope of the assessment:

- verification of the production and quality control system
- review of quality control documentation of recent deliveries
- review of drawings in production to verify any design changes which may have an impact on data specified in the type approval certificate, performance and range of application
- verification of the product marking

Periodical assessment is to be performed after 2 years and after 3.5 years for retention. A renewal assessment will be performed at renewal of the certificate.

END OF CERTIFICATE