


**CERTIFICATE****EC TYPE- EXAMINATION (MODULE B) ACCORDING TO  
THE DIRECTIVE 2014/90/EU****Certificate No : ME-C-0171/B/1/20****Notification No of the Certification Body : 0437****Date of issue: 12.03.2020****Test Report No: ME-R-0171/B/1/20****Name and Address  
of the Manufacturer:****"SPECIAL TECHNOLOGIES" LLC  
Chapaev-St., 39/35, Berezovsk, Sverdlovskaya region, Russia****Product Type: ISOLLAT-02, Water-based Acrylic Thermal Insulation Coating****Item No: MED/3.18b, Surface materials and floor coverings with low  
flame- spread characteristics, paint systems****Regulations & Standards: 2014/90 EU, (EU) 2019/1397, SOLAS 74 Reg. II-2/3, SOLAS  
74 Reg. II-2/5, SOLAS 74 Reg. II-2/6, SOLAS 74 Reg. X/3, IMO  
Res.MSC.307(88) - (2010 FTP Code), as amended****Expiry Date of the Certificate: 11.03.2025****DECLARATION**

MIRTEC S.A. certifies that the type mentioned above satisfies the provisions of the Directive 2014/90/EU.  
For the conformity assessment to be complete, the marine equipment must be subjected to an additional  
procedure, as laid down in Annex B of the Directive (Modules D, E or F).  
The applicant must inform the notified body of all modifications to the approved marine equipment  
**ANNEX: List of relevant parts of technical documentation**

Product  
Certification  
Cert. No 27**For MIRTEC S.A.**  
**Athanasios Stamou**  
Certification Manager**For the Evaluation Dpt.**  
**Kalliopi Diamanti**  
Dipl. Mech. EngineerΕΥΡΩΠΑΪΚΟ ΚΕΝΤΡΟ ΠΙΣΤΟΠΟΙΗΣΗΣ  
ΑΝΤΙΠΡΟΕΔΡΟΣ Δ.Σ.

**Annex to**  
**Marine Equipment Directive Module B**  
**Type Examination Certificate Nr: ME-C-0171/B/1/20**

**DESCRIPTION OF PRODUCT:** MED/3.18b, Surface materials and floor coverings with low flame- spread characteristics , paint systems

**MODEL:** ISOLLAT-02, Water-based Acrylic Thermal Insulation Coating

**MANUFACTURER:** “SPECIAL TECHNOLOGIES” LLC

**ADDRESS:** Chapaev-St., 39/35, Berezovsk, Sverdlovskaya region, Russia

**RELEVANT DOCUMENTATION**

Technical File ISOLLAT-02

Declaration of Conformity Nr: ISOLLAT-2, Batch No:9

Carriage and performance requirements for the manufacturer:

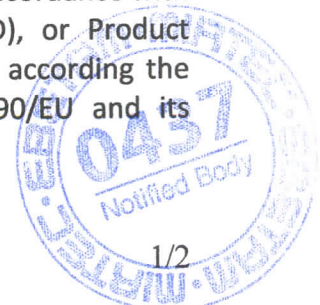
2014/90 EU, (EU) 2019/1397, SOLAS 74 Reg. II-2/3, SOLAS 74 Reg. II-2/5, SOLAS 74 Reg. II-2/6, IMO Res.MSC.36(63)-(1994 HSC Code) 7, IMO Res.MSC.97(73)-(2000 HSC Code) 7, IMO MSC/Circ.1120.

**TEST REPORTS**

ITT Test Report according to IMO Res.MSC.307(88)-(2010 FTP Code) as amended [part-2,part-5], form TSE 502783 and TSE 502769, Model ISOLLAT-02 , TSE Report 12-19, TSE Accreditation Nr: AB-0001-T

**CONDITIONS OF CERTIFICATION**

1. The product will be marked and identified as required by the applicable directive and standards.
2. For the conformity assessment to be complete, the marine equipment must be subjected to an additional procedure, as laid down in Annex B of the directive (Modules D or E or F).
3. If the standards applied for the certification of the product according to Marine Equipment Directive are amended during the validity of this certificate, the product shall be re-approved according to the amended standards.
4. The product shall be tested according to requirements of IMO MSC 81(70) as amended and the results will be recorded by the manufacturer in accordance with the approved Production Quality Assurance System (Module D), or Product Quality Assurance (Module E) or witnessed by the Notified Body according the requirements of Product verification (Module F) of Dir 2014/90/EU and its amendments.



**Annex to**  
**Marine Equipment Directive Module B**  
**Type Examination Certificate Nr: ME-C-0171/B/1/20**

**Product Data Sheet ISOLLAT-02**

<b>FEATURES:</b> <ul style="list-style-type: none"> <li>• <b>high heat-insulated</b></li> <li>• <b>sound-proofing properties</b></li> <li>• <b>excellent adhesion on any substrate</b></li> <li>• <b>good anticorrosive protection</b></li> <li>• <b>water vapour permeability</b></li> <li>• <b>flexibility</b></li> <li>• <b>attractive appearance</b></li> <li>• <b>wide range of temperature on coated surface from -60 to +170°C</b></li> <li>• <b>highly resistant to ultraviolet radiation of sun rays</b></li> </ul>	<b>NAME:</b> <p style="text-align: center; font-size: 1.2em;"><b>ISOLLAT-02</b></p>
	<b>TYPE:</b> Multi-purpose insulation material with a wide range of applications. Used for complex thermal insulation and corrosion protection of land, rail, water transport, industrial, and boiler vessels, piping elements, with water temperature to +150 °C in the peak mode to +170 °C.
	<b>SHIPPING WEIGHT</b> 11.5 kg – 19 litre 6 kg – 10 litre 3 kg – 5 litre

**SPECIFICATION DATA**

CHARACTERISTIC	VALUE
TYPE	Water-based acrylic coating
COLOR	White with possibility of light colored
APPARENT VISCOSITY	54 000-80 000 sP (Rotor R4, 10 rpm)
DRY FILM WEIGHT	0.15 kg/m <sup>2</sup> at 0.5 mm
SOLAR LIGHT REFLECTIVITY	0.8
AVERAGE DRY FILM THICKNESS	0.5 mm per coat
CONSUMPTION OF ONE LAYER	0.55 liter/m <sup>2</sup> per one layer
NUMBER OF COATS	no less than 2
APPLICATION METHOD	Airless sprayer for high-viscous paints ; brush; airbrush
CHARACTERISTIC	VALUE
COMPLETE CURING TIME AT 20°C	20 hours
CONTAINER	Approx. 11.5 kg (19 liters)
SHELF LIFE	1 year from production date when stored indoors in unopened, or original containers at 5 to 20°C

