

Declaration of performance
KORUND Ultrathin Thermal isolation
Modell: **Anticor**



1. Identification code of the product type: Korund Anticor
2. Intended use: Anticor is a liquid ceramic coating in series KORUND (KORUND Anticor). Korund consists of an aqueous emulsion of an acrylic binder and ceramic microspheres filled with vacuum, for use on mineral substrates.
3. Manufacturer: NPO FULLEREN LLC | 33 Chuykova Str. | Volgograd | Russian Federation
4. Representative: Coloterm | Hökenbergs Gränd 3 | Arboga | 73230 | Sweden
5. System or systems of assessment and verification of constancy of performance: System 2+
- In accordance with the requirements of GOST 9001-2011 (ISO 9001-2008) the company "Scientific-production Association FULLEREN" LTD is certified by virtue of Decision of Expert Committee (Protocol No. 482/13 dated June 07, 2013) of the certification body of the Federal Agency for Technical Regulation and Metrology of the Russian Federation. Product inspection of the Company "Scientific-production Association FULLEREN". LTD is carried out by technical staff of the own laboratory of the enterprise. The quality control at the Company "Scientific-production Association FULLEREN" LTD is carried out in accordance with ISO quality system.
6. a) Harmonised standard: EN 1504-2:2004
- Notified body: TECHNICKY A SKUSOBNY USTAV STAVEBNY, N.O.
Studenta 3, 82104 Bratislava
Slovakia
Notified body nb 1301
- b) European Technical Assessment: Not relevant



7. Declared performance:

Essential Characteristics	Performance	Harmonised technical specification
Permeability CO ₂	S _d >50m	EN 1504-2:2004
Water steam permeability	Klass V ₁	EN 1504-2:2004
Capillary water absorption	Klass W ₂	EN 1504-2:2004
Heat conductivity	0,0012 W/moC	
Work temperature sensitivity	-60 – +200 °C	
Max temperature sensitivity	-60 – +260 °C	
Durability	Indoor 20 years, outdoor 15 years	
Corrosion protection	Protect against corrosion	
Condensation protection	Prevent condensation on surfaces	
Adhesion	1,0 MPa	
Adhesion after 25 cycles	0,8 MPa	
Sound proofing	Damping effect on any surface in the entire frequency range (turbine enclosures, air ducts)	
Weight	Flexible, light-weight 0.18 kg/m ² (single coat), no excess load.	
Fire safety	Combustibility group G1 acc. to GOST 30244, flame propagation index=0, thermally decomposable at 450 °C, release carbon dioxide and nitrogen to put out the flame and fume; approved for use with the equipment and piping located in any fire-rated areas; applies no fire load; defined as fire safe.	
Dangerous substance	See safety data sheet	

8. Appropriate technical documentation and / or special technical documentation::

The performance of the above product complies with the specified performance. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011 on the sole responsibility of the manufacturers mentioned above. Signed on behalf of the manufacturer by:

23-06-2016
Volgograd

Signature

Director A.S.Platov

