



## WAROTEC® B-15

### *the fire resistant raw wall panel*

#### **Product description**

WAROTEC® B-15 is a light, fire resistant raw wall panel.

#### **Composition**

WAROTEC® B-15 consists of a non-combustible core made from silicate foam and is sealed on both sides with a vapour barrier out of a fire resistant phenolic resin foam reinforced with glass fiber.

#### **Quality**

The raw wall plate's surface is equipped with a vapour barrier. The raw wall plate is turned into a decorative panel with the help of different coatings (e.g. with HPL, GFK, stainless steel, etc.) Such a coating can already be applied for the delivery as well as tongue and groove connections, if desired by the customer.

#### **Processing**

The manufacture and processing can be done on normal wood processing machines with a suitable ventilation and suction. The panel is to be protected against humidity through a suitable surface sealing. We'd like to point out our "WAROTEC® B-15 Recommendations for Handling and Processing" in this context.

#### **Areas of application / References**

WAROTEC® B-15 is primarily used as a non-combustible carrier plate for the construction interior system solutions. Furthermore, WAROTEC® B-15 is used for the construction of light and non-combustible air ducts mainly in the areas of railcar and ship building and represents an extremely light alternative compared to traditional air ducts made out of steel or aluminum.

#### **Stock and transport regulations**

Our extended information is applicable, which you can find in a separate document called „Regulations for storage and internal transports“.

#### **Remarks**

Before the use of this product the specific properties of the project and conditions of application are to be checked by the client itself. The test values listed here are determined by fixed specifications and are to be understood as a guideline, but not as an assurance. The customer is fully responsible for the suitability and the properties of our product under the conditions of usage chosen by the customer.

#### **Technical data**

Material	Silicate foam reinforced with glass fiber
----------	---

Material vapour barrier	Phenolic resin foam
-------------------------	---------------------

Thickness [mm]	15
----------------	----

Thickness tolerance, max. [mm]	+/- 0.5
--------------------------------	---------

Length, max. [mm]	2440
-------------------	------

Width, max. [mm]	1220
------------------	------

Surface quality	unsanded, uncoated
-----------------	--------------------

Density pro [kg/m <sup>3</sup> ]	approx. 210
----------------------------------	-------------

Surface weight [kg/m <sup>2</sup> ]	approx. 3.9
-------------------------------------	-------------

Thermal conductivity $\lambda$ [W/mK]	0.039
---------------------------------------	-------

Fire class EN 45545-3	EI15 / EW30
--------------------------	-------------

Acoustical absorption $R_{w,Air}$ [db]	approx. 24
--	------------

Flexural module [N/mm <sup>2</sup> ]	900
--------------------------------------	-----

Certification	Type Examination Module B IMO FTPC Part 3 Regulation Item No MED/3.11b QS-Certificate Module E based on 2014/90/EU – in conjunction with 2017/306/EU
---------------	---

