

Certificate No: ET-0388-24

Name and address of the sponsor: : Solid Protect OÜ, Vabaduse pst 174b, 10917 Tallinn, Harju maakond, ESTONIA

Name and address of the producer: Solid Protect OÜ, Tännassilma tee 17, Tännassilma küla, 76406 Saku vald, Harju maakond, ESTONIA

Product: Fire retardant for wood SPFR100

Date: 14.02.2024

1. Classification of the product

Reaction to fire classification of treated timber according to EN 13501-1:2018: **B-s1, d0**

2. Product specification and field of application

Parameters	
State of matter	Liquid
Colour	Colourless
Field of application	
Allowed wood species	Spruce wood with a thickness of ≥ 18 mm
Consumption	SPFR100 is applied at least in 2 layers, with total amount of ≥ 240 g/m ² , to all sides.
Method of application	By brush, roller, spraying or impregnation.
Additional conditions	Classification of treated wood is valid without additional coating.
Installation of treated timber	<ul style="list-style-type: none">- Product may be mounted with ventilated or non-ventilated air gap to a substrate of any A1 or A1-s1, d0 with a minimum density of 525 kg/m³ and thickness at least 12 mm;- Product may be mounted with air gap constructed by wooden battens of class D-s2, d0 or better or any A1 or A2-s1, d0 product;- Product may be mounted also without air gap between product and substrate.
Joints	Product is tested with vertical and horizontal joints.
Arrangement	Product may have vertical and horizontal boards arrangements.
Fixings of coated elements	Metal fixings must be used.

