

TREATMENT CERTIFICATE

This is to certify that the timber described on this **TREATMENT CERTIFICATE** has received pressure treatment, as specified bellow
This Certificate is valid only if completed in full by the Licensed Processor.

ISSUED TO:	
Name:	<u>Riho Vaikmäe</u>
Company:	<u>AS Liimpuit</u>
Address:	<u>Vabriku 44</u>
	<u>Põlva</u>
Country:	<u>Estonia</u>

CHARGE SHEET NUMBER:
401,402
26.05.2020.a

TREATMENT CARRIED OUT:			
Quantity: <u>30,426 m3</u>			
Species: <u>RW</u>			
Moisture Content: <u>16%</u>			
Preservative used: <u>Tanalith -E</u>			
Retention, kg/m3 sapwood:EN-351 <u>7,1kg/m3</u>			
Treatment Specification: <u>H3roheline</u>			
1.vacum	Pressure	2.vacum	
10min	20min	30min	
0,9 Bar	12,4 Bar	0,9 Bar	
Invoice nr. 20202			
Dimensions;			
160*160			
90*90			
120*120			

DECLARATION:
We certify that we have treated the timber as described above:
Name: <u>Rauno Mahlapuu</u>
Company: <u>OÜ Kemikal</u>
Address: <u>Tartumaa, Vana-Kuuste, Rebase küla.</u>
Country: <u>Estonia</u>
Signature:
Date: <u>27.05.20.a</u>

Tanalith is approved for use in the following Nordic Wood Preservation Classes. Certificate nr.147 and Certificate nr. 165. Arch Timber Protection is leader in wood preservation since 1930. Tanalith is a registered trademark of Arch Timber Protection and specialises in products for the ind industrial pre-treatment and surface protection and decoration of wood.

Declaration of Performance

nr 082/DoP/03.06.2020

Contract number 178/2020

Invoice number 20197

1. Unique identification code of the product:
Glulam 24h
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to article 11(4):
Delivery note
3. Intended use or uses of the construction product in accordance with the applicable harmonised technical specification, as foreseen by manufacturer:
Buildings and bridges
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant article Article 11(5):
AS Liimpuit
Vabriku 44
63306 Põlva
Estonia
E-post: info@polvaliimpuit.ee
5. Where applicable, name and contact address of authorised representative whose mandate covers the tasks specified in article 12(2):
No representative
6. System or systems of assessment and verification of constancy of performance of the construction products as set out in annex V:
system1+
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

The notified body MPA Stuttgart Otto Graf Institut, 0672, performed an initial test and an initial inspection of the factory concerning bonding strength, determination of product type and factory production control, continuous surveillance, assessment and evaluation of factory production control and issued a certificate of conformity no:

0672-CPD-I 14.21.17

8. In case of declaration of performance concerning a construction product for which a European Technical Assessment has been issued:
Not Relevant



9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Pressure strenght	$f_{c,0,g,k} = 24 \text{ N/mm}^2$ $f_{c,90,g,k} = 2,5 \text{ N/mm}^2$	EN 14080:2013
Flexure strenght	24 N/mm^2	
Tensile strenght	$f_{c,0,g,k} = 19,2 \text{ N/mm}^2$ $f_{c,90,g,k} = 0,5 \text{ N/mm}^2$	
Shear	$f_{v,g,k} = 3,5 \text{ N/mm}^2$	
Bonding strenght	According to EN 14080	
Durability	According EN 350-2	
Reaction to fire	According EN 13501-1	
Emission of hazardous substance	Class E1	

10. The performance of the product identified in ponts 1 and 2 is in conformily with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4:

Põlva, 03.06.2020

