



## DECLARATION OF PERFORMANCE

DoP-SPL/EXT-HPL/2026-01

According to Regulation (EU) No. 305/2011

**Declared by:** Samrat Plywood Limited

This declaration of performance is issued under the sole responsibility of the manufacturer. The performance of the construction product identified below is in conformity with the declared performance set out in this document.

<b>1. Product type</b>	High Pressure Laminate (HPL) compact laminates for external wall and ceiling finishes
<b>2. Product designation / grade</b>	EGF / EDF – compact laminates for external wall and ceiling finishes
<b>3. Intended use</b>	External wall and ceiling finishes in accordance with EN 438-7:2005
<b>4. Manufacturer</b>	Samrat Plywood Limited Village Birplassi, Nalagarh Distt. Solan, Himachal Pradesh 174101 India
<b>5. AVCP system</b>	System 1
<b>6. Harmonised standard</b>	EN 438-7:2005
<b>7. Laboratory / technical body references</b>	ITC a.s. / CSI Division, Czech Republic (reaction to fire testing and classification) Institut pro testování a certifikaci, a.s., Zlín, Czech Republic (flexural properties) Arihant Analytical Laboratory Pvt. Ltd., Kundli, India (supplementary product characteristics)

### Essential characteristics for the declared intended use

Essential characteristic	Harmonised technical specification	Declared performance
Reaction to fire	EN 438-7, Cl. 4.2	Euroclass B-s1,d0 (tested for thickness 6 mm)
Water vapour permeability / resistance factor	EN 438-7, Cl. 4.4	Wet cup $\mu = 110$ ; Dry cup $\mu = 250$
Resistance to fixing	EN 438-7, Cl. 4.5	1879 N
Direct airborne sound insulation	EN 438-7, Cl. 4.6	NPD
Bonding strength	EN 438-7, Cl. 4.7	NPD
Flexural modulus of elasticity	EN 438-7, Cl. 4.8	14,750 MPa (6 mm); 9,687 MPa (12 mm)
Flexural strength	EN 438-7, Cl. 4.8	171 MPa (6 mm); 122 MPa (12 mm)
Thermal resistance / conductivity	EN 438-7, Cl. 4.9	NPD
Content of pentachlorophenol	EN 438-7, Cl. 4.10.1	NPD
Release of formaldehyde	EN 438-7, Cl. 4.11.1	NPD
Durability – immersion in boiling water	EN 438-7, Cl. 4.13.1	Pass; mass increase 0.75 %, thickness increase 2.73 %, appearance rating 4
Durability – resistance to wet conditions	EN 438-7, relevant durability evaluation	Pass; max. mass increase 1.95 %, appearance rating 4



**Technical documents supporting this declaration:**

- Flexural strength test report No. 755200675-02, Institut pro testování a certifikaci, a.s., issued 30 April 2025.
- Reaction to fire classification report No. PK-26-023 and supporting test reports No. 25/P691 and 25/P692, ITC a.s., issued 9 February 2026.
- Arihant Analytical Laboratory Pvt. Ltd. report No. AAL BMT-20160602001, issued 6 July 2016, covering supplementary characteristics including water vapour resistance factor, resistance to fixing, durability and density.

**Notes:** NPD = No Performance Determined. Reaction to fire classification B-s1,d0 is supported by testing on 6 mm compact laminate for external wall and ceiling finishes. Where multiple thicknesses were tested, the exact tested values are stated as declared performance without extrapolation.

Place: Chandigarh, India  
Date: 14 March 2026

For Samrat Plywood Limited  
Authorized Signatory

*For Samrat Plywood Limited*  
*Director/Auth. Signatory*

