



# POLYELECTROLYTE COMPLEX-BASED WHITE COATING

## Product description

Polyelectrolyte complex-based white coating tailored for application as sustainable, bio-based flame-retardant additive designed to increase the fire resistance of the materials to which it is applied, and suitable for incorporation in the construction industry.

## Applications



Bio-based coating designed to be applied by brush or roller with a thickness of approximately 400  $\mu\text{m}$  on surfaces where fire resistance properties need to be improved.

## Safety data

For safe use of the product, the following precautions are recommended:

- Avoid skin and eye contact. Wear chemical-resistant gloves and protective goggles during application.
- Do not inhale vapours or aerosols. Work in well-ventilated areas; for intensive application, use a respirator with an organic vapour filter (A2 type).
- Keep containers tightly closed after use and store between 2-35 °C in a dry, ventilated area.
- If accidental contact occurs, wash skin with water and soap; if it reaches the eyes, rinse for 10 minutes and seek medical advice.



## Technical data

Property	Test/Standard	Value
Thickness		~ 400 $\mu\text{m}$
Content of biobased		30%
Calorimetric cone test*	EN ISO 5660-1:2015	No ignition (TTI) 11.3 kW/m <sup>2</sup> (max. HRR) 3.5 kW/m <sup>2</sup> MARHE 121.6 m <sup>2</sup> /m <sup>2</sup> Smoke emission

\* Value for the coating. Tests must be carried out after application on the substrate where the fire-retardant properties are required.



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