



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 µm 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 µm |
| Content of biobased | | 30% |
| Calorimetric cone test* | EN ISO 5660-1:2015 | No ignition (TTI) 11.3 kW/m ² (max. HRR) 3.5 kW/m ² MARHE 121.6 m ² /m ² 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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