

Industrial coating bio-based



Business need

Treatments used in industry on various materials are based on chemicals of fossil origin. Replacing these solutions with new, naturally extracted (bio-based) products offers great opportunities to improve the environmental impact, both in terms of the production of the material itself, and in terms of performance during final application.



Solution overview

Development of an anti-flame treatment with low environmental impact and high added value in relation to the properties conferred on the final product. The treatment is carried out through the application of naturally extracted products, with excellent results in terms of resistance to maintenance cycles over time. The treatment can be combined with other active ingredients to obtain multifunctional properties (anti-bacterial and resistance to UV radiation).



Key benefit

- High levels of performance
- Low environmental impact
- Versatility of application areas
- Durable and multifunctional coatings

Contacts

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Target

Construction

Furniture

Textiles, Technical clothing

Manufacturers of chemical coatings

Development phase

0. Pre-seed

1. Research

2. MVP Testing

3. Patent request

4. Industrial scale-up

5. Ready for market launch

Textile materials Buildings Coating

Keywords

Anti-flame Environmental sustainability



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