
AllShield Coating

Technical Data Sheet

Product Group:

Ceramic Material

Characteristics



The AllShield is a ceramic material formed by the chemical reaction between the two mineral suspensions (component A & B)

- Developed as a rapid setting fireproofing finishing layer for wood, plasterboard, concrete, polystyrene and mineral wool
 - Resistance to organic chemicals
 - Resistance to high temperatures (1000°C +)
 - Compatible with virtually every topcoat
 - Sustainable and cost efficient
 - Low dirt adhesion
 - Low preliminary treatment
 - UV-proof
 - Solvent-free
 - Very high lifespan (50+ years)
 - Easy to use
 - Fully recyclable
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Components

Material



- AllShield A
 - AllShield B
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Specifications



- EN 13823 Single Burn Item
 - Passed with B1 or better grade for wood finish
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Surface Conditions



- Lightly grind wooden surfaces for optimal adhesion
 - Degrease wooden surfaces for optimal adhesion
 - Degrease surfaces for optimal adhesion
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Instruction for use

Mixing ratio 1 : 1 by weight / volume



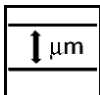
- Apply with brush, roller or airless spray
- Clean equipment with water
- Mix vigorously with mechanical stirrer
- Make sure the activator is finely dispersed

Pot Life



- Approximately 15 minutes at room temperature

Dry Film Thickness



- Optimal results between 500 –1000 μm

Application Recommendations



- Temperature 5°C up to 40°C
- Humidity 0% - 75%

Physical Properties



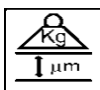
- Touch-Dry 30 minutes
- Hard-Dry 60 minutes
- Recoatable minimum N/A
- Recoatable maximum N/A

Theoretical Coverage



- 1m² per liter based on 1000μm layer thickness

Dry Film Density



- 1.6 kg per liter

Volatile Organic Compounds



- Zero VOC
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Color



- White

Flash point



- N/A

Storage

Shelf life is 6 months if kept to these parameters:



- Store the product dry and at a temperature between 5°C and 40°C
 - Store in original unopened containers
 - Keep containers closed at all times before mixing
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