

PRODUCT DESCRIPTION

Water repellent nano coating for fire brick (WNFB™) is a water-based product and contains silicone resins. This product prevents the absorption of water and moisture by using nanotechnology and penetrating deep into fire bricks and creating hydrophobic properties. **WNFB™** Water repellent nano coating protects the absorption of environmental pollutants by creating a hydrophobic coating on brick facades.

PRODUCT FEATURES

- Suitable for fire brick facades
- Based on nanotechnology
- Particles with a diameter of 1 to 100 nanometers.
- Hydrophobic properties
- A water-based product
- Maintaining cleanliness of surfaces due to reduced contamination penetration
- Fast setting
- Resistant to adverse environmental conditions
- Resistant to UV
- Maintain the breathability of the brick

PRODUCT USES

Water repellent nano coating for fire brick (**WNFB™**) is suitable for fire brick facades.

TECHNICAL DATA

Chemical Base	Modified Alkaline Silane
Colour	Colorless
Density	1.4 gr/cm ³
PH	13-14 m ²
Application Method	Brush Spray

HOW TO USE

SURFACE PREPARATION

The surface must be cleaned of any contaminants such as grease, dust, paint, etc. before applying this product. Note that the surface must be completely dry.

MIXING

WNFB™ waterproofing agent should be mixed with 30 times water. The hardness of the water used should not be higher than 300. Distilled water can also be used.

APPLICATION

- The application of water repellent nano coating for **fire brick (WNFB™)** can be done using a brush or a spray.
- This product dries quickly. Therefore, shortly after applying it, the desired surface can be used.

LIMITATIONS

- It is better not to apply nanomaterial to the surface when the weather conditions are unfavorable, such as high humidity or strong sunlight. Because it may not be of the desired quality.
- Ensure that the material is completely spread on the desired surface.



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- Avoid contact of the product with alkali, air with high humidity, heat and flammable materials.

STORAGE

- Store in a dry place
- Store at a temperature of 4°C – 40°C.
- Close the lid of the product container well after each use.
- This product is flammable, so it should be kept away from heat and flammable materials.
- Keep away from humid air and alkalis.
- The shelf life of the product is a maximum of 1 year.

HANDLING

Approved personal protection equipment should be worn at all times. Particle mask is recommended for possible airborne particles. Gloves are recommended when handling fabrics and resins to avoid skin irritation. Safety glasses are recommended to prevent eye irritation. Wear chemical resistant clothing / gloves / goggles. Ventilate area. In absence of adequate ventilation, use properly fitted respirator.

FIRST AID

In case of skin contact, wash thoroughly with soap and water. For eye contact, flush immediately with plenty of water; contact physician immediately. For respiratory problems, remove to fresh air. Wash clothing before reuse.

DISCLAIMER OF LIABILITY

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