PRODUCT DATA SHEET

**BFT-3100M®Non-Smashing Brick Transparent Coating**

|  |
| --- |
| High transparency and hardness, Wear-resistant and non-slip |

**PRODUCT DESCRIPTION**

Non-Smashing Brick Transparent Waterproofing Coating is a tough, high hardness, high abrasion-resistant moisture-curing new hybrid system waterproofing coating based on silane-capped polymers, which is capable of rapid surface drying under humid conditions, while also maintaining a certain amount of open time.

**Uses**

Rapid waterproofing repairs to floors and walls of interiors, bathrooms, kitchens, balconies, etc.

**CHARACTERISTICS / ADVANTAGES**

* **Superior Adhesion and Impact Resistance**

Extremely well-balanced physical and mechanical properties, high adhesive strength and hardness up to Shore D60 or more on the basis of flexibility.

* **Wide bonding range**

Excellent adhesion and bonding to metal, glass, stone, wood, plastic and other substrates.

* **Excellent weathering resistance.**

UV stability, excellent long-term gloss retention, yellowing and chalking resistance.

* **High temperature resistance**

Resistant to temperatures up to 200°C, excellent dimensional stability at room/high temperatures.

* **Easy to apply**

Environmentally friendly non-mono-component, high solid content, low viscosity, easy to use.

* **Environmentally friendly and non-toxic**

Extremely high active ingredient, no harmful isocyanate and urethane groups.

|  |
| --- |
| **PRODUCT INFORMATION** |
| Packaging | 1kg，5kg，20kg |
| Shelf Life | 12 months from production date. |
| Storage Conditions | Product must be stored in original unopened and undamaged sealed packaging in dry conditions and temperatures between + 15 °C and + 25 °C. Protect from direct sunlight, rain, snow and ice, etc.  |
| **UN-CURED PROPERTY** |
| viscosity | 400 mPa·s |
| Skintime1) | 45min |
| Curing time | 2 hours |
| Maintenance can be up after 24 hours, after three days can be used normally. |
| **CURED MECHANICAL PROPERTIES** |
| Shore D Hardness | 60 |
| Tensile Strength | 15N/mm2 |
| Elongation | 10% |
| **APPLICATION INFORMATION** |
| Substrate Temperature | +5 °C min. / +40 °C max,40RHmin |

**Application Instructions**

* Curing speed is affected by temperature, humidity, film thickness, if you need to speed up the curing speed, you can contact the manufacturer to order production or adjust the catalyst.
* Open time/application period: not less than 4 hours without thinner.
* Diluent: benzene, vinegar, alcohol ether, hydrocarbon solvents can be added than 5-20%.
* Construction conditions: before construction, the construction surface must be thoroughly clean and dry, the temperature must be higher than the dew point to avoid condensation.
* Please use up the paint as soon as possible after opening and avoid prolonged exposure.
* Due to the diversity of substrates, it is recommended to carry out adhesion test before use for some special substrates.
* The construction should be carried out in an orderly manner, with corners followed by flat surfaces, and elevations followed by flat surfaces.
* Construction, corners and nodes are easy to accumulate thick, pay attention to control the construction thickness. the use of roller coating construction.
* When using roller coating, it is recommended to use a short hair roller, preferably with a sponge roller brush.
* When applying by brush, clean up the hairs on the brush before use.
* Keep ventilation as much as possible after the construction, and do not use people until it is fully cured.
* Avoid wearing spiked shoes on the surface after construction, so as not to damage the coating.