N200 Positioning and Clear Topcoat

N200 High-Clarity Polyaspartic Polyurea Clear Topcoat

Two-component system
Part A: Aliphatic isocyanate component
Part B: Polyaspartic ester resin
Clear, wear-resistant finish. Typical solids: ~96%.
Compatible systems: N100, N300, N700 and N600.
Weather-resistant finish. Roofs require a separate primary waterproofing layer.

Pack sizes



2 kg kit (A 1 kg + B 1 kg)



20 kg kit (A 10 kg + B 10 kg)



Clear topcoat on wood and decorative flake flooring

Core applications

Surface protection for tiles, wood and decorative flooring. For primary roof waterproofing, select N300 for long-term weather resistance or N700 for standard weather resistance.

01A / APPLICATION SCENES

Six Topcoat Applications



Clear tile finish



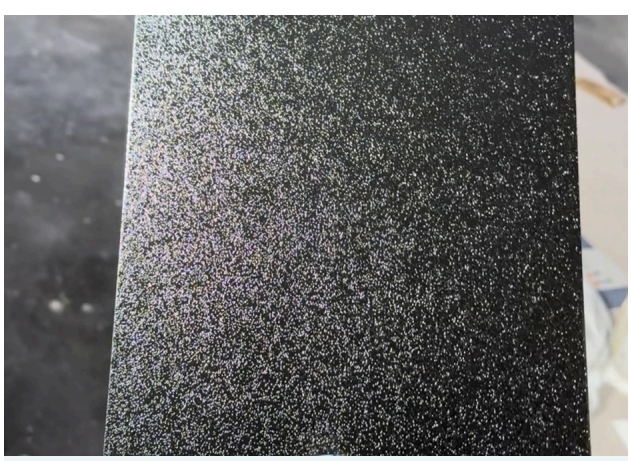
Clear wood protection



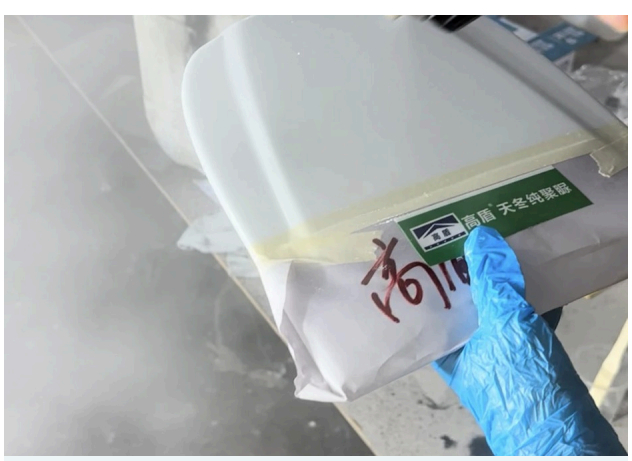
Decorative flake floor finish



Clear topcoat on wood



Clear topcoat on textured coatings



Topcoat on coated metal panels

The first three images illustrate applications. The last three show coating samples. Confirm intercoat adhesion, compatibility and appearance on a test patch. Roofs require a separate primary waterproofing layer.

02 / TYPICAL TECHNICAL DATA

Typical Data and Evidence Limits

Item	Source value / requirement
Components and mixing ratio	A:B = 1:1 (mass ratio)
Solids content	About 96% (company typical value)
Shore hardness	Shore D 75 (company technical value)
Mixed pot life	About 40 minutes (25°C reference)
Indicative consumption	About 1.0 kg/m²
Indicative film thickness	Approximately 0.96–1.0 mm
Product features	Highly transparent topcoat, wear-resistant and decorative protection
Compatible system	N100 / N300 / N700 / N600

Evidence and system selection

Report TL26080331 lists the N100–N700 series. Results apply to the tested samples and conditions. It gives no separate N200 results. Use the N200 TDS and batch COA for supply specifications.

About 96% solids is typical. Substrate, film build, batch, temperature and humidity affect appearance, cure and adhesion. Test a sample first.

N600 primes the floor and holds the flakes. N200 seals them. Pair N200 with N100, N300 or N700 only when a clear finish is needed and intercoat tests pass.

Application and System Design



Clear topcoat on a terrace flake floor

01 Substrate assessment

Tile, stone, wood and existing coatings must be sound, dry and clean. Remove wax, oil, release agents and loose coatings.

02 Compatibility test

Complete adhesion, transparency, color and interlayer compatibility samples in hidden locations.

03 Mixing Parts A and B

Components A and B are accurately weighed in a 1:1 mass ratio and mixed thoroughly to avoid introducing too many bubbles.

04 Thin topcoat application

Apply thinly and evenly to avoid sags, pinholes and pooling. Pot life is about 40 min at 25°C. Confirm the recoat interval separately.

Application limits

N200 cannot replace primary waterproofing or repair structural cracks, hollow areas or substrate seepage. Check wood moisture content. Test compatibility and adhesion on outdoor wood, tiles and existing coatings. For wet or trafficked floors, verify wet slip resistance of the full system. Results depend on surface preparation, mix ratio, application rate, film thickness, temperature, humidity and curing conditions. Complete an on-site test patch before full application.

Storage, Safety and Traceability

Packaging and storage

Store components A and B in original packaging in a cool, dry and ventilated place, away from moisture, direct sunlight and high temperatures. Packaging specifications, shelf life and storage temperature are subject to product labels and supply documents.

Safety

Wear protective gloves, goggles and appropriate respiratory protection when mixing and applying, and maintain ventilation. Components A and B are identified and managed separately; hazard, first aid, transportation and waste information are subject to the corresponding SDS.

Quality and compatibility

Color, viscosity, cure speed and mechanical properties may be adjusted based on formulation, batch, environmental and project requirements. Base assessment, adhesion tests and on-site samples should be completed before large-scale construction.

Source documents and responsibility

Model-specific TDS: positioning, typical values and system requirements. TL26080331: submitted-specimen test results. Company laboratory records: separate validation. Batch COA and project confirmation: actual delivery and application requirements.

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