N600 positioning and packaging

# N600 Outdoor Weather-Resistant Polyaspartic Decorative Flake Flooring System

## Weather-resistant decorative flake flooring

A two-component pigmented polyaspartic polyurea coating, coloured flakes and a clear weather-resistant topcoat provide a continuous, maintainable finish.




2 kg (A 1 kg + B 1 kg)




20 kg (A 10 kg + B 10 kg)

N600 coating only. Decorative flakes and N200 clear topcoat are supplied separately.



Decorative flake flooring in a garage and on an outdoor terrace

## Core applications

Courtyards, rooftop terraces, outdoor walkways, commercial spaces and garage floors.

N600 primes the substrate and binds the flakes in the pigmented body coat. The complete finish also requires decorative flakes and the N200 clear topcoat. Confirm substrate, drainage and slip resistance for the project.

# Typical technical data

| Item | N600 technical data / requirements |
|---|---|
| Components and ratio | A:B = 1:1 by mass |
| Shore hardness | Shore A 86 (company technical value) |
| N600 primer coverage | Approx. 3–4 m² per 1 kg |
| N600 body-coat consumption | Approx. 0.6–1.0 kg/m² |
| Application working window | Approx. 1 hour at 25°C (reference) |
| Clear topcoat | N200 clear topcoat |
| Abrasion mass loss | 8 mg (submitted-sample result) |
| System layers | N600 primer + N600 body coat with flakes + N200 clear topcoat |

Part A is an aliphatic isocyanate. Part B is a polyaspartic ester resin.

The one-hour figure is a reference application window. Its starting point, pot life after mixing, recoat interval and time to traffic are not specified.

## Evidence and test scope

Report TL26080331 lists N100–N700 under one sample name without separate results by model. Sample results include tensile strength 13.00 MPa, elongation at break 177% and abrasion mass loss 8 mg. The report also gives adhesion results on different substrates. Results apply only to the submitted sample and test conditions, not every flake combination, installed system or batch.

Confirm the color, texture, flake density, topcoat consumption and appearance on a site test patch. Refer to the batch COA and project confirmation for supplied properties.

# Application illustrations



Private villa garage



Automotive showroom

# Application illustrations (continued)



Boutique retail space



Automotive service workshop

# Application illustrations (continued)



Office building terrace



Rooftop terrace

# Application illustrations (continued)



Commercial walkway



Seaside balcony & terrace

Illustrations show applications or samples and do not constitute project-case or test evidence.

# Installation system

## 01 Substrate and N600 primer

Check substrate strength, moisture, flatness and cracks. Repair, grind and clean the substrate, then prime with N600.

## 02 N600 pigmented body coat

Weigh N600 parts A and B at 1:1 by mass, mix and apply evenly to form the continuous pigmented coat that binds the flakes.

## 03 Decorative flakes

Broadcast flakes uniformly to match the approved sample. Once cured, remove loose flakes and level as needed.

## 04 N200 clear topcoat

Seal the flakes with N200 clear topcoat. Confirm consumption, texture, slip resistance and gloss on a site test patch.



# Limits, storage and safety

Rooftop terraces require separate primary waterproofing, drainage and detailing. Assess N300 for long-term exposed weathering and N700 for general weathering. Verify compatibility between the waterproofing and N600 finish, then seal the flakes with N200.

For ramps, wet areas and public walkways, verify wet slip resistance, drainage, wear and maintenance. For garages and vehicle routes, assess substrate moisture, traffic frequency, vehicle loads, hot-tire contact and turning abrasion. Use a site test patch to verify adhesion, compatibility and slip resistance of the full system.

## Packaging and storage

Store both components sealed in their original containers in a cool, dry, ventilated place. Protect from moisture, sunlight and heat. Check the label and supply documents for shelf life, storage temperature and packaging.

## Safe handling

Ventilate during mixing and application. Wear protective gloves, goggles and appropriate respiratory protection. Manage the two parts separately and consult each SDS for hazards, first aid, transport and disposal.

## Quality and compatibility

Color, viscosity, cure speed and mechanical properties may vary with batch, conditions and project requirements. Assess the substrate, test adhesion and approve a site test patch before full application.

## Sources and responsibility

N600 TDS: intended use, typical values and system requirements.

TL26080331: third-party report on submitted specimens.

Company verification: artificial weathering and formulation records.

Batch COA and project confirmation: supplied properties and project suitability.

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