



Technical Data for Duron UV Stable Polyurethane

DURON UV STABLE POLYURETHANE is a non-yellow moisture-curing polyurethane coating that protects coated surfaces. Available in Gloss or Satin, it has UV absorbers and blockers to increase its strength in direct sunlight and protects the decorative coloured flake or concrete substrate against discolouration. It can be applied on interior and exterior areas also providing excellent resistance to wear, chemicals and tyre stains.

SURFACE PREPARATION

All flaked surfaces should be thoroughly clean, dry and free from excess flake. Concrete surfaces need to be hydrochloric acid washed (Refer to directions by supplier). Generally 1 part acid to 5 parts water is normally sufficient. Concrete surfaces also have to be thoroughly dry, dust and contaminant free.

APPLICATION

Flake flooring requires no less than 2 coats of DURON UV STABLE POLYURETHANE GLOSS OR 1 GLOSS AND 1 SATIN/final coat. First coat at 4-5^m²/Ltr by brush and roller, always coat north to south, east to west to eliminate miss spots or puddling. Sand lightly between coats, apply second coat at 6-7^m²/Ltr and a third in high wear or commercial areas. Concrete surfaces can be applied direct at the same rates.

Note: *Satin is an option for a FINAL TOP COAT ONLY*

DRY TIME

*Touch dry 8 hours, recoat 12 hours
These dry times are based on drying conditions of 25°C and 50% relative humidity.
Dry time will be subject to climatic conditions, film thickness and air flow. Avoid coating in direct sunlight.*

CLEAN UP

Clean application equipment with INDUSTRIAL METHYLATED SPIRITS.

IMPORTANT!

MINIMIZE THE AIR EXPOSURE TO PRODUCT BY USING THE REQUIRED AMOUNT ENSURING CONTAINER IS SEALED DURING AND AFTER USE. DO NOT RETURN UNUSED PRODUCT TO THE ORIGINAL CONTAINER.

CARE OF FLOOR AFTER COATING

DURON UV STABLE POLYURETHANE when used as per directions over DURON DECORATIVE COLOURED FLAKE will be 90% cured within 48hrs and fully cured within 7-10 days. Care should be taken for the first 10 days until the floor has fully hardened, carpet squares or similar should be used under heavy furniture or car tyres indefinitely as ongoing protection.

PRECAUTIONS AND LIMITATIONS

Use below 10°C is not advised. If using in above 30°C, use of DURON WET EDGE EXTENDER is recommended. It is not advised to apply coatings in direct sunlight or when the temperature exceeds 35°C as they may dry too quickly under the roller, resulting in unsatisfactory finish.



The drying time may vary greatly when the temperature is below 10°C or above 30°C or if the relative humidity significantly is lower than 50%.

SAFETY INFORMATION

UN 1263 Hazchem 3Y Contains <10 g/L monomeric isocyanate

RISK: *Breathing vapours is harmful.*

SAFETY DIRECTIONS

Use this paint under well ventilated conditions that prevent inhalation of vapours. Wear a respirator with a combined particulate and organic vapour cartridge (e.g. Protector R30/A1P3). Prevent skin contact by wearing overalls, chemical goggles and impervious gloves.

WARNING: FLAMMABLE. *This package contains volatile and flammable solvents (400g/Litre aromatic hydrocarbons) and when using contents adequate ventilation to the outside must be provided. All potential sources of ignition (open flame, pilot lights, furnaces, spark producing switches etc.) must be eliminated in or near the working area. DO NOT SMOKE. Keep container closed when not in use. Do not empty into drains.*

FOR FIRE: *Use foam, dry agent. Avoid breathing products of combustion.*

FOR SPILLS: *Shut off ignition sources. Wear protective equipment. Absorb with sand or soil. Collect and seal in properly labelled drums. Refer to local Waste Management Authority for disposal.*

FIRST AID: *If poisoning occurs, contact a doctor or Poisons Information Centre Ph: 131126.*

IF SWALLOWED: *DO NOT induce vomiting. Give a glass of water. Seek medical assistance*

IF INHALED: *Remove to fresh air. If breathing difficulty persists or occurs later, consult a doctor.*

EYE CONTACT: *If in eyes, hold eyes open and flood with water for at least 15 minutes, call a doctor.*

SKIN CONTACT: *If skin contact occurs, remove any contaminated clothing and wash skin thoroughly with soap and water. Immerse contaminated clothing in water for 24 hours and do not re-use until it has been laundered.*

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