



“maintenance made easy”

Decratex Flake

Tough and impervious decorative textured floor coating system



PRODUCT DESCRIPTION

Decratex™ Flake is a highly decorative yet extremely durable floor and wall coating system featuring pre-blended paint flakes bonded and encapsulated using a special combination of two part resins.

Simple to apply and very versatile, Decratex™ Flake creates a granite-like random flecked effect of varying hues, finished with a clear gloss sealer coat. This extremely tough, clear top coat will withstand heavy traffic, abrasion and chemicals and is very easy to clean.

TYPICAL USES Due to its excellent chemical and abrasion resistance, Decratex™ Flake is ideal for areas requiring high levels of hygiene such as hospitals, laboratories, veterinary surgeries, breweries, kitchens & wash room. Heavy duty areas include warehouses, factories & industrial workshops where equipment such as forklifts & pallet trucks are in regular use.

Decratex™ Flake offers colour ways to perfectly compliment any setting or colour scheme & can be used to great effect in showrooms, garages, display areas & retail outlets.

SUITABLE SUBSTRATES Following thorough preparation, Decratex™ Flake may be applied to old & new concrete. For all other substrates contact Polycote technical helpline.

COLOUR Decratex™ Flake is available in a range of 6 colour ways, each being a pre-blended combination of hues within the general colour.

PACKAGING Decratex™ Flake is supplied in pre-measured units comprising Decratex Resin, Decratex Flake & Decratex Sealer to cover approximately 15m² per unit.

COLOUR GUIDE

Virtually any colour or combinations of colours are available, including ‘glitter’ for clubs, showrooms, etc.

Please ask for further details.



Moon Rock
14



Mars
58



Jupiter
74



Saturn
36



Lunar Grey
15



Pluto
84

The colours indicated here are approximate and should not be taken as the exact shade.

DIRECTIONS FOR USE

SURFACE PREPARATION

Thorough substrate preparation is essential. Recommended methods are:

Powerfloated concrete – use a Vacuum Assisted Shotblaster to remove weak laitance and provide a surface key for the coating. If this is not possible, chemically etch with Polycote Etch IT then rinse thoroughly and allow to dry. See relevant Technical Data Sheet.

Loose paint or rust – remove, using a Vacuum Assisted Shotblaster, Floor Grinder or equivalent method.

Loose or friable concrete – use a Vacuum Assisted Shotblaster. If this is not possible, chemically clean with Polycote Etch IT then rinse thoroughly & allow to dry.

Oil or grease – Smaller, isolated deposits may be chemically cleaned with Polycote Degrease IT then rinsed thoroughly & allowed to dry.

See relevant data sheet prior to application.

ONCE PREPARED, THE AREA MUST BE KEPT CLEAN & FREE OF TRAFFIC.

The floor must be as even & level as possible, otherwise the top coat may form puddles in any depressions before curing.

PRIMING

If applying over quarry or ceramic tiles or onto porous surfaces such as concrete & timber, Polycote WD Primer should be used. Please refer to Polycote WD Primer data sheet prior to priming, & follow surface preparation guidelines with care. If the surface is damaged, uneven, contaminated with oil or damp, please contact Polycote Technical Helpline for advice.

MIXING & APPLYING DECRATEX RESIN

Add Decratex™ Resin hardener Part 'B' to resin Part 'A' & mix thoroughly for at least one minute using a heavy duty slow speed drill with a paddle mixer. Apply the resin using a medium pile roller.

ENSURE RESIN TOTALLY COVERS ENTIRE SURFACE - DECRATEX FLAKE WILL ONLY ADHERE TO THE RESIN.

APPLYING THE FLAKE

Decratex™ Flake must be sprinkled onto the wet resin immediately - if possible within 5 minutes of applying the resin. This stage will require at least two persons, one to roll the resin on to the floor & the other to follow up broadcasting the flake, walking on the wet resin using spiked shoes (available from Polycote UK).

The flake may be sprinkled manually or for best results, use a spray gun with 5 Ltr tank capacity, 18mm nozzle & 1/3 bar (15/45 psi) pressure to blow the flakes onto the wet coating. The wet resin must be totally blinded with Decratex™ Flake - no resin should remain visible. Avoid sprinkling a thicker layer than is necessary to achieve total coverage, as the surplus cannot be brushed off until the resin has cured, causing a shortage of flake.

Take care to avoid disturbing the sprinkled flake until the resin has cured. After 12-18 hours ensure the flake has firmly bonded before sweeping or vacuuming off the excess. Keep area clean & free of traffic & overcoat with Decratex Sealer within 48 hours.

MIXING THE SEALER COAT

Once all loose flake has been removed from the surface, Decratex™ Sealer should be applied. Thoroughly agitate Parts 'A' & 'B' individually to disperse any settlement, then add hardener Part 'B' to resin Part 'A' & mix for at least one minute using a heavy-duty slow speed drill with a mixing paddle.

ENSURE THOROUGH MIXING AS AN UNMIXED PRODUCT WILL RESULT IN A POOR OR NON-CURE SITUATION

APPLYING THE SEALER COAT

Once mixed, the Decratex™ Sealer must be applied immediately.

Using a roller, apply one even coat @ 5.0kg per 15m² (3m² per kg) ensuring that the flake is completely covered.

POT LIFE & CURING TIME

Decratex™ Resin - Pot life is approximately 30 minutes at +20°C. Initial curing takes place at 8 - 12 hours & product is fully cured after 7 days.

Decratex Sealer - Pot life is approximately 30 minutes at +20°C. Initial curing takes place at 8 - 12 hours & product is fully cured after 7 days.

APPLICATION TEMPERATURE

Optimum temperature for application of Decratex™ is 18-20°C. The system should not be applied at below +7°C or above +25°C.

DIRECTIONS FOR USE

COVERAGE

1 unit of Decratex™ covers 15m².

CLEANING

Tools & equipment should be cleaned whilst material is still wet using Solvent Cleaner. Hands & skin should be cleaned immediately with organic hand cleaner.

SHELF LIFE & STORAGE

Shelf life of Decratex™ Sealer is approximately 12 months subject to conditions of storage.

Store in a cool dry frost-free environment away from sources of ignition.

HEALTH & SAFETY

Before using this product, please ensure you have received & read carefully both the Hazard Label applied to the container & the relevant Material Safety Data Sheets.

ANY QUESTIONS?

Please do not hesitate to contact us for advice regarding the use of this product or its suitability for your particular application. Our aim is to provide all the technical help you need to make an informed choice & achieve total success.

Polycote Technical Help line
01234 846400

All reasonable care has been taken in supplying the above information. However, any figures quoted do not constitute a specification but represent typical values obtained. It is the customer's responsibility to ensure for himself that the product is fit for the intended purpose & that conditions are suitable. Any technical advice is offered in good faith, but without warranty. This is also applicable when proprietary rights & third parties are involved. In the light of the Company's policy of continual research & development, it is the customer's responsibility to ensure that the information contained herein has not been superseded.

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