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.

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 and washroom. Heavy duty areas include warehouses, factories & industrial workshops where equipment such as forklifts and pallet trucks are in regular use.

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

SUITABLE SUBSTRATES

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

PACKAGING

Decratex™ Flake is supplied in pre-measured units to cover either 15 or 30m² comprising Decratex Resin, Decratex Flake and Decratex Sealer.

COLOUR GUIDE

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

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

SURFACE PREPARATION

THOROUGH SURFACE PREPARATION IS ESSENTIAL.

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

Please refer to Polycote WD Primer data sheet prior to priming, and follow surface preparation guidelines with care. If the surface is damaged, uneven, contaminated with oil or damp, please contact Polycote technical helpline for advice.

PRIMING

Follow directions on separate primer data sheet supplied.

IT IS IMPERATIVE THAT THE PRIMER TOTALLY COVERS THE ENTIRE SURFACE – DECRATEX QUARTZ AGGREGATE WILL ONLY ADHERE TO THE PRIMER.

APPLYING THE RESIN

Follow directions on separate version data sheet supplied.

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 and 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 and 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 and free of traffic and overcoat with Decratex Sealer within 48 hours.

APPLYING THE SEALER COAT

Follow directions on separate sealer datasheet for mixing, curing times, etc.

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

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

A sealer with greater UV resistance (Decratex UV Sealer) is also available. Please contact Polycote Technical Helpline for further information.

When using two sealer coats, ensure that the second coat is the Decratex UV Sealer, this being a UV resistant, light stable resin.

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.

COVERAGE

1 unit of Decratex™ Flake covers 15m² or 30m² depending on size purchased.

CLEANING

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

SHELF LIFE AND STORAGE

Shelf life of Decratex™ Flake 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 and read carefully both the Hazard Label applied to the container and 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 and 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 and that conditions are suitable. Any technical advice is offered in good faith, but without warranty. This is also applicable when proprietary rights and third parties are involved. In the light of the Company's policy of continual research and development, it is the customer's responsibility to ensure that the information contained herein has not been superseded.

Polycote UK
Centre Point • Wolseley Road • Woburn Road Industrial Estate
Kempton • Beds • MK42 7EF
Technical Helpline: 01234 846400

“maintenance made easy”
Decratex Flake Resin is a non-toxic two part water-dispersed epoxy floor coating with a high solid content. Providing a hardwearing adhesion coat for our Polycote Decratex Flake system, its formulation includes quality fillers for good abrasion and chemical resistance. Special formulations are available for extra chemical resistance/extra fast curing. Please contact Polycote Technical Helpline.

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**TYPICAL USES**

Being solvent-free, taint-free, odourless and non-toxic, Decratex Flake Resin is ideal for use in medical, animal and food environments. Typical applications include warehouses, factories, processing plants, showrooms, hospitals and schools.

**SUITABLE SUBSTRATES**

Decratex Flake Resin may be applied direct to most substrates, including old and new concrete, stone, timber and metal after priming the surface with Polycote Flake Primer. Please call the Polycote Technical Helpline for details.

**COLOUR**

Decratex Flake Resin is available in a selection of stock colours, or in a large range of BS4800 and RAL specifications.

**PACKAGING**

Decratex Flake Resin is supplied in pre-measured quantities as a two part 5.0kg unit, comprising a coloured epoxy blend Part ‘A’ and hardener Part ‘B’.

**COLOUR GUIDE**

Available in 6 standard colours or we can make it to your specification on any order over 30 units.

- Mars 45
- Pluto 76
- Jupiter 66
- Moon Rock 01
- Lunar 05
- Saturn 22

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.

The surface should have already been primed and ready for the Decratex Flake Resin. If the surface has not yet been prepared and primed, apply the primer, following the instruction of the relevant datasheet.

Ensure that the surface has been kept clean and free from traffic and that the overcoat time has not been exceeded.

For further help on any of the above, please contact Polycote Technical Helpline.

MIXING

Having fully prepared the substrate, stir the individual components before mixing together.

Add Part ‘B’ to Part ‘A’ and thoroughly mix for at least 3 minutes.

For best results use 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.

APPLICATION

Apply by brush or roller, making sure that the surface is completely covered.

Particular attention should be given to doorways and other areas of high traffic.

When finished, DO NOT scrape the remaining contents from the container as this will invariably include unmixed raw resin.

POT LIFE & CURING TIME

The pot life once mixed is 1 hour at +20°C.

Initial curing takes place within 4-6 hours depending on temperature.

To ensure a good intercoat chemical bond, the top coat should be applied within 36 hours. If this interval is exceeded, abrade the first coat to ensure intercoat adhesion. Full cure strength is reached at 7 days.

APPLICATION TEMPERATURE

Normal application temperature range is between +10°C and +30°C.

However, Decratex Flake Resin will cure at +5°C but curing times can be greatly extended at lower temperatures.

If in doubt, please contact Polycote Technical Helpline for further advice.

COVERAGE

The coverage of Decratex Flake Resin coat is 30m² per 5kg unit, depending on the texture and porosity of the surface.

CLEANING

Tools and equipment should be cleaned whilst resin is still wet using warm soapy water.

Hands and skin should be cleaned immediately with Organic Hand Cleaner.

SHELF LIFE & STORAGE

Shelf life in unopened containers 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 and read carefully both the Hazard Label applied to the container and the relevant Material Safety Data Sheets.

ANY QUESTIONS?

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“maintenance made easy”
Decratex Sealer

Polyurethane sealer for decorative finishes

PRODUCT DESCRIPTION

Decratex Sealer is a two part, non-toxic and non-taint, polyurethane floor coating, which provides excellent chemical resistance, is light-fast and flexible and gives good resistance to abrasion and trafficking. Applied by brush or roller it produces a seamless, hard wearing, hygienic floor finish.

TYPICAL USES

Decratex Sealer is ideal in food preparation and manufacturing areas, laboratories, chemical plants, aircraft hangars, abattoirs, breweries, bakeries, operating theatres and all areas where a long-lasting, easily cleaned, high chemical resistance is required.

SUITABLE SUBSTRATES

Decratex Sealer may be applied to concrete, wood, and most Polycote finishes.

COLOUR

Decratex Sealer is clear and colourless.

PACKAGING

Decratex Sealer is supplied in pre-measured quantities as a two part 5.0 kg unit, comprising resin Part ‘A’ and hardener Part ‘B’.

DIRECTIONS FOR USE

SURFACE PREPARATION

Once the Decratex Resin and aggregate have completely cured, sweep or vacuum off any excess aggregate.

MIXING

Having fully prepared the substrate, stir the individual components before mixing together.

Add Part ‘B’ to Part ‘A’ and thoroughly mix for at least 3 minutes. For best results use 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.
DIRECTIONS FOR USE Cont.

APPLICATION
Apply by brush or roller. Recoat time is 6 hours or once the surface has lost tackiness.

POT LIFE & CURING TIME
The pot life of Decratex Sealer is approximately 30 mins. at +20°C. It will withstand light traffic in 12-16 hours and full cure and maximum chemical resistance is achieved after 7 days.

APPLICATION CONDITIONS
The temperature for application of Decratex Sealer must be between 5°C and 30°C.

COVERAGE
Please refer back to Decratex Quartz datasheet for detailed coverage rates.

CLEANING
Tools and equipment should be cleaned whilst resin is still wet using Polycote solvent cleaner. Hands and skin should be cleaned immediately with organic hand cleaner.

SHELF LIFE & STORAGE
Shelf life in unopened containers is approximately 12 months subject to conditions of storage. Keep out of direct sunlight. Store in a cool, dry, frost-free environment, not below 15°C and away from sources of ignition.

HEALTH & SAFETY

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