

Decratex™ Quartz

Tough and impervious decorative textured floor coating system



“maintenance made easy”



PRODUCT DESCRIPTION & USES

The Decratex™ Quartz system consists of blended decorative aggregates tenaciously bonded into a specialist resin primer and encapsulated with a highly advanced clear two-part resin coating.

This clear top coat may be built up to adjust the level of slip resistance or gloss as desired.

Decratex™ Quartz creates a stunning aesthetic effect normally associated with carpets and vinyls, at the same time providing an extremely tough and hygienic industrial floor surface with excellent abrasion and chemical resistance.

TYPICAL USES

Ideal for reception areas, entrance halls, corridors and stairways, shower and swimming pool surrounds, kitchen and food processing areas. Decratex Quartz is suitable for commercial & industrial applications & is used in hospitals, schools, offices, leisure centres, hotels, shops, warehouses, surgeries & dairies.

SUITABLE SUBSTRATES

Following thorough preparation & application of the appropriate primer, Decratex™ Quartz may be applied to old & new concrete, quarry & ceramic tiles, terrazzo, composite board & marine plywood.

COLOUR GUIDE

Decratex™ Quartz is available in a range of 12 colourways, each being a varied combination of pigmented quartz aggregates to create a subtle speckled finish.



DIRECTIONS FOR USE

PACKAGING

Decratex™ Quartz is supplied in pre-measured units comprising 5.0kg Decratex Resin, 40kg Decratex Quartz Aggregate & the appropriate quantity of Decratex™ Sealer to cover 15m² per pack in either Natural, Medium or Smooth texture.

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.

Please note.

Decratex™ Quartz 'Smooth' finish should only be applied to totally level floors (eg. powerfloated concrete or self-levelling screeds).

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 AGGREGATE

Thoroughly mix parts A and B of Decratex Resin for at least one minute using a slow speed drill with a mixing paddle.

Apply to surface using a roller, making sure that surface is covered evenly.

The Decratex™ Quartz aggregate must be sprinkled onto the wet resin immediately.

Larger areas will require at least two persons, one to roll the resin on to the floor and the other to follow up broadcasting the aggregate, walking on the wet resin using spiked shoes (available from Polycote UK).

For best results, first pour the aggregate from the sack into a clean dry bucket. This will redistribute the various particle sizes and colours for an even blend and provide a convenient container from which to sprinkle the aggregate.

The wet resin must be totally blinded with Decratex Quartz Aggregate - no resin should remain visible and any wet spots that appear (due to depressions in the sub-floor) must be filled with aggregate immediately.

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 aggregate.

Take care to avoid disturbing the sprinkled aggregate until the resin has cured.

After 12-18 hours ensure the aggregate 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.

MIXING THE SEALER COAT

Once all loose aggregate has been removed from the surface, Decratex™ Sealer should be applied.

Thoroughly agitate Parts 'A' and 'B' individually to disperse any settlement, then add hardener Part 'B' to resin Part 'A' and 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.

The coverage rate will depend on the desired finish and the consequent quantity of resin supplied per 15m² unit.

'Natural' finish - using a roller, apply two light coats of Decratex™ PU Sealer @ 2.5kg per 15m² per coat (6m² per kg) allowing 24 hours between coats.

'Medium' finish - using a roller, apply two heavy coats of Decratex™ EP Sealer @ 5.0kg per 15m² per coat (3m² per kg) allowing 24 hours between coats.

'Smooth' finish - first apply one heavy coat of Decratex™ EP Sealer with a serrated squeegee @ 10.0kg per 15m² (1.5m² per kg). Any trapped air bubbles should be removed by rolling the entire wet coating using a spiked roller. Spiked shoes must be worn to avoid disturbing the wet surface.

After initial cure of the squeegee coat has taken place (approx. 24 hours) apply a further coat of Decratex EP Sealer using a roller @ 5.0kg per 15m² (3.0m² per kg).

DIRECTIONS FOR USE

POT LIFE AND CURING TIMES

Decratex™ PU Sealer - pot life is approximately 2 hours at +20°C. Initial curing takes place at 48 hours and product is fully cured after 7 days.

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

APPLICATION TEMPERATURE

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

COVERAGE

1 unit of Decratex™ Quartz covers 15m². The actual quantity of sealer per 15m² varies depending on the finish required - see section 'Applying the Sealer Coat'.

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 & 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 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 Helpline
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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