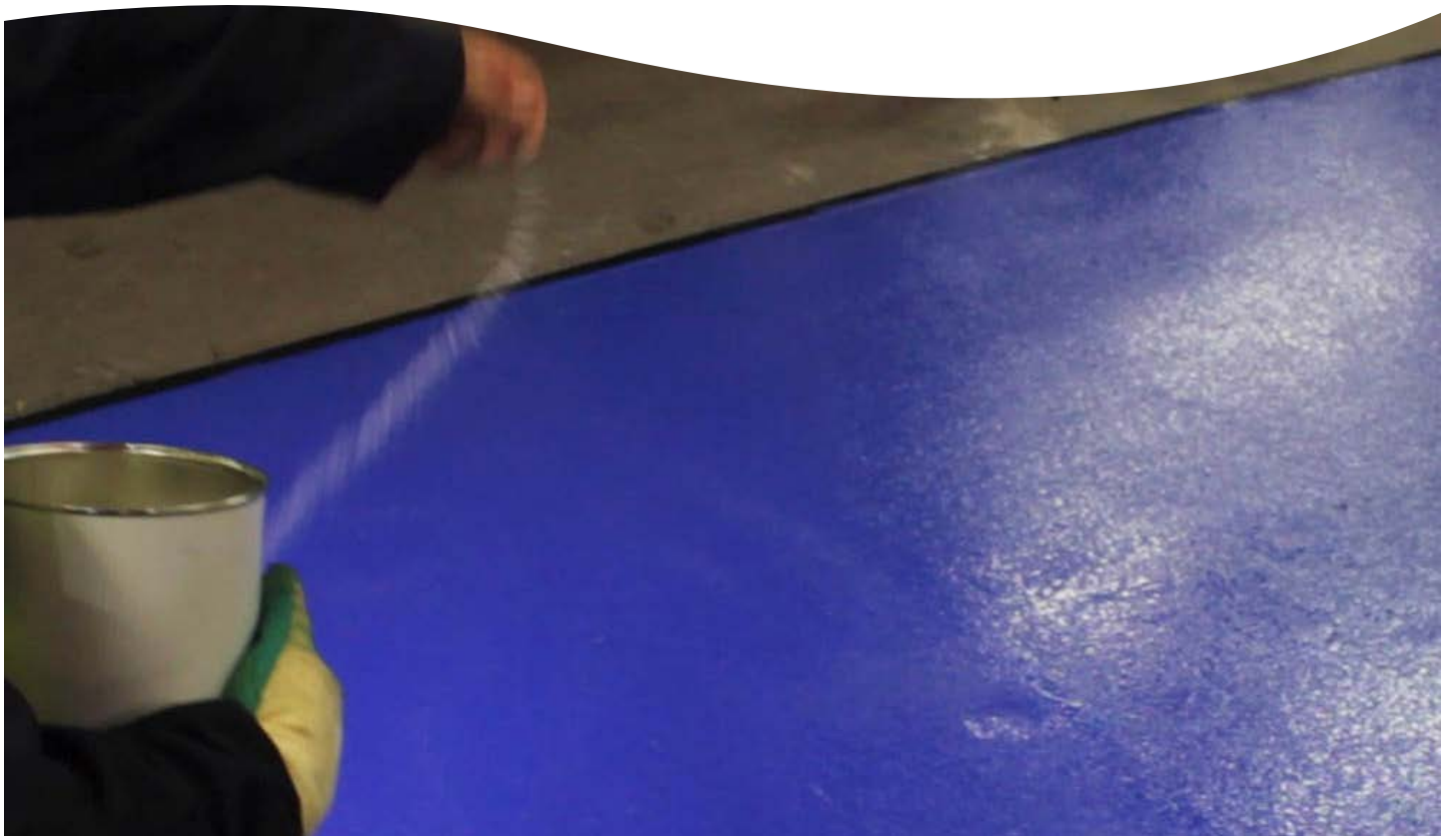
EC258 | Gloss Epoxy Paint | Cold Cure | Anti Slip



stone | light grey | dark grey | grass green | bright blue | french blue | golden yellow | office red | black

While care is taken with the colour samples shown, no guarantee can be given that they represent exactly the colours offered.

Description

Rizistal EC258 Epoxy Gloss Anti Slip Floor Coating Cold Cure provides effective safety under foot and
is available in 2 aggregate sizes; medium and coarse.

Medium: Recommended for general interior trafficked areas and walkways.

Coarse: Recommended for interior and exterior areas, inclines, ramps and walkways.

This floor coating is ideal for protecting masonry, ceramic and concrete floors in cold conditions from oil and chemical contamination.

The high build formulation ensures a good film thickness, reducing the number of required coats.

Benefits

Excellent wear and abrasion resistance.

Installation in cold conditions above 0^0C.

Excellent chemical resistance to both acid and alkali based chemicals.

Match an existing coloured floor or complement company branding colours.

Virtually solvent free.

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Coverage

Approx. 19m^2 to 21m^2 per 5kg and 38m^2 to 42m^2 per 10kg over polished concrete.

One coat is generally sufficient for many applications, however, if ease of clean is important for the newly applied system, a second coat without aggregate broadcast is recommended.

Storage

Store at an ambient temperature above 5^{0}C.

Surface Preparation

CONCRETE
Concrete to be treated must be dry and cured for a minimum of 4 weeks. Concrete must be free of any surface laitance, contaminants, and have an effective DPM to prevent rising dampness.

All loose or friable surface material should be removed. Hand floated or power floated concrete or any concrete with a smooth surface should be abraded prior to floor coating application to provide a key to ensure that the coating bonds well.

All dust should be vacuumed away prior to application. Grease or oil should be removed with a proprietary degreaser and the area thoroughly hosed off and allowed to dry. Smooth previously painted surfaces should be abraded thoroughly to provide a key for adhesion.

METAL
Remove friable or flaking rust and any previous coatings by wire brushing or angle grinding fitted with an appropriate cup wire or carborundum head to achieve a bright surface.

Grease or oil should be removed with a proprietary degreasant and the metal then washed with water and allowed to dry. Coating should be carried out immediately before flash rusting occurs.

Working Time

20 to 30 minutes depending on ambient temperatures. Higher ambient temperatures will reduce the pot life. Always decant into a shallow tray, to extend working time.

Curing Time

After installation, this product must be kept clean and dry for 12 to 18 hours (depending on ambient temperatures), otherwise the product performance willl be seriously affected, which may result in discolouration and lack of cure.

This product will cure overnight at 5^{0}C to accept light traffic the next day. Full chemical and wear resistance is achieved over 5 to 7 days in similar ambient temperatures.

Temperatures below 5^{0}C will slow down the curing of the product. Temperatures below 0^{0}C will arrest curing. Water or chemicals should not be allowed to lie on the surface for at least 7 days. Avoid washing the floor for 7 days after coating.

Anti Slip Properties

2 grades of extremely hard wearing anti slip aggregate is available; medium and coarse

When installed as directed, it is classified as Low Slip Potential Flooring (>40 PTV using the pendulum test method) in both wet and dry conditions.

Testing was carried out and results assessed as described in ‘The Assessment of Floor Slip Resistance: The UKSG Guidelines issue 4 / 2011’.

Results were obtained from tests carried out from our own internal laboratory tests.

Continued slip resistance can only be maintained if the guidelines in the HSE’s STEP tool (Slips and Trips eLearning Package) are followed.

All figures are measured and expressed under laboratory conditions: Actual performance may vary from the above values depending upon site conditions.

Mixing

Empty all of the contents of the smaller hardener tin into the larger resin tin, taking care to scrape the entire contents.

Mix the components together very thoroughly using a Rizistal Mixing Paddle attached to an electric drill. Continue mixing until an even colour and consistency is obtained. Do not mix more than one unit at a time.

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Installation

For best results mix and install at temperatures above 5^{0}C but no lower than 0^{0}C. Apply the entire pack using a medium, non shedding pile roller (not foam) in one coat.

As the coating roller application proceeds, broadcast the anti-slip aggregate, lightly and evenly by hand over the coating surface and immediately “back roller” the surface to encapsulate the aggregate into the resin. This will produce the designed finish.

A second coat must be applied within 12 hours to ensure intercoat adhesion.

Chemical Resistance

This floor coating cures to a very hard, impervious, gloss finish that will resist strong acid and alkali based chemicals. As with all high build gloss paint systems, scratching of the surface could occur due to movement of point loads and impacts.

Temperature Resistance

Will withstand temperatures up to 60^{0}C in both operating and cleaning activities.

Hazards

Once the contents of the pack have been mixed a chemical reaction takes place which creates heat (exotherm), and the product should therefore be used immediately.

Food products must be removed from the area during application and cure, to avoid the risk of taint.

The smooth coating can become slippery under certain conditions, therefore the Anti Slip version is recommended for slippery areas.

Cleaning Equipment

Equipment used for mixing and applying the Epoxy Floor Coating should be wiped clean with Rizistal Safer Solvent or a similar solvent before the product cures.

Shelf Life

An unopened pack will last 12 months.

Safety

Avoid contact with the skin. Barrier creams or gloves are should be used. Cleansing creams should also be used after accidental contact with the skin and / or washing with plenty of soap and hot water.

Accidental contact with the eyes should be treated by flushing with water and medical advice sought.

A detailed Material Safety Data Sheet is available which contains further advice.

General Maintenance

When fully cured, acid and alkali detergents or degreasers may be used to clean the surface. Always follow manufacturer recommendations.

Ordering

Available from Rizistal online at www.rizistal.co.uk.

All Rizistal products are sold subject to Rizistal’s terms and conditions of sale.

For help and expert technical advice, please contact the Rizistal Support Team, who are backed by many years of experience within the flooring industry; enquiries@rizistal.co.uk.

Contracting Service

Rizistal offers a contracting service via their sister company, John Lord Specialist Flooring, who operate throughout the UK, using their own highly experienced teams.

Rizistal will be happy to provide quotations for any large project, involving their repair and protect products. Email us your project details so a member of the Contracting Team can contact you to discuss your requirements, and see if it fits within the John Lord Contracting minimum criteria.