

# Resutop

High build chemically resistant epoxy resin floor coating



RESIN SURFACES LIMITED

## Product Data Sheet

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### DESCRIPTION

RESUTOP two-pack epoxy resin coatings are designed as seamless finishes where high build, hard wearing, chemical, abrasion and impact resistant floor surfaces are required.

RESUTOP systems are non-toxic, low odour during application and provide a versatile, durable, attractive gloss finish in a range of colours (*Please see Data Sheet CLSH*). Special colours can be produced, but may be subject to a surcharge.

RESUTOP finishes have exceptional adhesion and, whilst being principally designed for coating concrete, they can be applied to a wide range of substrates. RESUTOP is solvent free, with a 100% solids content.

### ADVANTAGES

1. High build coatings are obtainable in one application
2. Ventilation for evaporation is not required
3. Easily cleaned surfaces, unaffected by strong detergents
4. Good colour stability
5. Able to be disinfected and sterilized, and is therefore, suitable for application where a bacteria-free finish is important
6. Aggregates can be incorporated for improved slip resistance, abrasion resistance and wearing properties
7. High gloss, providing for easy cleaning, good light reflection and an attractive finish
8. No shrinkage on curing

### WHERE TO USE

RESUTOP floor coatings are suitable for use in most industrial environments on concrete, polymer screeds, asphalt etc. and provide a durable, decorative, attractive and easily cleanable surface. Being low odour, RESUTOP is ideal for use in the food industry for preparation, processing, storage areas, bakeries, dairies and breweries etc. where solvent based products are unsuitable.

The hard wearing and chemical/oil resistant properties also make RESUTOP ideal to use in showrooms, display areas, supermarkets, warehouses and workshops.

### GRADES AVAILABLE

#### RESUTOP Standard

A general purpose high-build, chemical resistant finish for application above 10°C.

**RESUTOP FH** - A fast hardening grade with good chemical resistance, RESUTOP FH should not be applied in temperatures below 15°C.

**RESUTOP Cold Cure** - A system which will cure in 36 hours when applied to cold surfaces at a temperature of 0°C. At 5°C surface temperature the coating will harden in 18 hours to accept light traffic.

**RESUTOP LV** - A more chemical resistant system for areas where more aggressive chemicals are in use.

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## **CHEMICAL RESISTANCE**

**RESUTOP** systems offer excellent chemical resistance against dilute mineral acids, alkalis, detergent solutions and certain solvents. Where higher chemical resistance is required use **RESUTOP LV**.

**RESUTOP** achieves the maximum chemical resistance on full cure. Avoid chemical contact or aggressive cleaning within seven days of application. Remove chemical spillages as quickly as possible to prevent concentration by evaporation. Resin Surfaces' Technical Department will advise on resistance to specific chemicals.

**Decontamination** : Resutop Standard has been tested to BS 4247 Part 1 Test A. Ease of Decontamination Classification – **Excellent**

## **PHYSICAL PROPERTIES AT 20°C**

**Solids Content** – All grades 100%

**Coverage** – All grades 4-5 sq.m. per kg. per coat, subject to porosity, surface contour and aggregate spread rate.

**Film thickness** – At the above specified coverage rates **RESUTOP** will produce coatings with a thickness of 180-200 microns per coat.

## **HYGIENE**

**RESUTOP** is manufactured from resins and hardeners which are normally safe to use. However it is not advisable to allow them to set on the skin and use of barrier cream and polythene gloves is recommended. After finishing, wash hands with plenty of soap and water.

Consult Safety Data Sheet Ref.HSRD

The facts and recommendations given are based on tests which are believed to be reliable. This information is offered without guarantee to enable purchasers to decide more readily by their own tests the merits and suitability of the product in their own processes. No undertaking can be given against infringement of patented processes.