



Specialist Construction Supplies for Repair, Maintenance, Building & Infrastructure

## Resuprime Data Sheet

**Specification notes**

Product: **Resuprime**

Supplier:

**Arcon Construction Supplies**  
**19-20 Prestwood Court**  
**Leacroft Road**  
**Warrington**  
**WA3 6SB**

Tel: **01925 852225**

Email: [mail@arconsupplies.co.uk](mailto:mail@arconsupplies.co.uk)

Web: [www.arconsupplies.co.uk](http://www.arconsupplies.co.uk)

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## Product Data Sheet

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### DESCRIPTION

RESUPRIME is a two-pack solvent-free epoxy resin bonding and priming coat, designed for easy application, with good surface wetting properties.

RESUPRIME is principally designed to bond thin section resin based screeds and toppings to cementitious and other surfaces.

RESUPRIME provides excellent adhesion both as a tack coat and primer. Where surfaces are very porous, a coat of RESUPRIME may be required as a pre-primer coat before a second coat is applied as a tack coat. RESUPRIME will bond to concrete, wood, metal and asphalt etc.

For application onto new concrete or where the RH level is likely to be above 75%, R.S. DAMPSHIELD should be applied.

### ADVANTAGES

- 1 Versatile for many types of application.
- 2 Excellent adhesive properties.
- 3 Easy to apply
- 4 No unpleasant or harmful odours.

### WHERE TO USE

RESUPRIME is able to be used as a tack coat for both epoxy and polyurethane resin based screeds, including:

- RESUCRETE  
(Data Sheet Ref. CRNT)
- RESUSCREENED 43  
(Data Sheet Ref. SC43)
- RESUSCREENED QUARTZ  
(Data Sheet Ref. SCQU)
- RESUTHANE  
(Data Sheet Ref. THST)

RESUPRIME is also suitable for priming self-smoothing epoxy resin finishes such as RESUFLOOR and resin based concrete repair products such as RESUPATCH .

RESUPRIME can also be used as a primer for high build epoxy resin coatings such as RESUTOP and RESUCOAT H.B.

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## CHEMICAL RESISTANCE

**RESUPRIME** has good general resistance to mild chemical attack.  
For further details, please consult our Technical Dept.

## PHYSICAL PROPERTIES AT 20°C

|                                |   |
|--------------------------------|---|
| Unit Size                      | 0.5, 1, 2.5, 5 kg units   |
| Coverage                       | 1 kg will cover 3-5m <sup>2</sup> subject to contour and porosity |
| Volume solids                  | 100%  |
| Pot life after mixing          | 30 minutes at 20°C  |
| Tack free time                 | 6 hours at 20°C   |
| Hard film time                 | 34-36 hours   |
| Application temperature limits | 5-30°C  |
| Shelf life                     | 1 year in unopened containers                                     |
| Storage                        | Store between 5 – 30°C  |

## SURFACE PREPARATION

The surface must be prepared to ensure a good mechanical key, free of oil, grease etc. and if necessary, isolated repairs should be carried out with **RESUPATCH EPOXY RESIN MORTAR**.

## MIXING & APPLICATION

**RESUPRIME** is supplied as separate base and hardener components, which have to be mixed thoroughly, ideally with a slow speed mechanical mixer, before application. Once mixed **RESUPRIME** will have a pot life of approx. 30 minutes at 20°C and must be applied during this period.

Apply **RESUPRIME** with a short or medium pile roller. More than one application may be required to ensure that a uniform surface seal is achieved, and to compensate for surface porosity. Epoxy based screeds should generally be applied onto a wet 'tack coat' of **RESUPRIME**. N.B. **RESUSCREED QUARTZ**, **RESUTHANE TG69** and **RESUFLOOR** should be applied onto a 'tack free' coating of **RESUPRIME**.

## CLEANING

All tools and mixing vessels should be cleaned immediately with **R.S. EPOXY SOLVENT**.

## HYGIENE

**RESUPRIME** is formulated from materials designed to achieve the highest level of performance as safely as possible. However, specific components require proper handling and suitable equipment. In all cases, spillages or skin contamination should be cleared as soon as practically possible, by dry wiping of the affected area, and thorough washing with soap and water.

## Consult Safety Data Sheet Ref.HSPR.

The information given in this data sheet is derived from tests and experience with the product and is believed to be reliable. This information is offered without guarantee to enable purchasers to determine for themselves the suitability of the product for their particular application. Any specification or advice given by the company is based on the information supplied by the purchaser. Resin Surfaces Ltd. cannot be held accountable for errors or omissions as a result of that information being incorrect or incomplete. No undertaking can be given against infringement of patents.