

Reepare PR400 SP is suitable for use in the repair of worn and damaged concrete where high strength, quick curing repair material is required. Ideal situations include spalled concrete surfaces such as steps, damaged factory floors.

Reepare PR400 SP is a low odour material and can be used in food environments.

**Strong****Chemical-resistant****Trowel-applied**

## Colours

Natural.

## Pack Size

12 kg unit. The pack contains pre-blended aggregates with resin and curing agent pack.

## Components

Each unit comprises of: one part Resin (Base) and one part Hardener. Both components are pre-weighed and ready to mix.

## Suitable Substrates

Concrete and cementitious screeds. Ideal situations include spalled concrete surfaces such as steps, damaged factory floors.

## Uses

Reepare PR400 S.P. is based on a blend of epoxy resins, curing agent and selected aggregates. All items are supplied pre-weighed and packed, ready for mixing on site. The finished material provides a nonskid and abrasive resistant surface, with good resistance to dilute acids, petrol, oil and grease.

## Advantages

- ✓ Excellent Adhesion
- ✓ Rapid Curing
- ✓ Good Abrasion Resistance
- ✓ Good Chemical Resistance

## VIRTUS RESINS

The Shippon, Faenol  
Pentrecelyn  
Ruthin LL15 2SP

**Tel:** 01978 790 744

**Tel:** 0843 289 8422

**Email:** [info@epoxyresinsuppliers.co.uk](mailto:info@epoxyresinsuppliers.co.uk)

**[www.epoxyresinsuppliers.co.uk](http://www.epoxyresinsuppliers.co.uk)**



**virtusresins**  
Epoxy resin suppliers

## Thickness

6mm

## Chemical Resistance

Reepare PR400 S.P. is resistant to a wide range of chemicals but we recommend that compatibility should be cleared before use.

## Surface Preparation

New concrete should have an RH% of 75% or less.

The substrate should be clean, free from laitance, oil, grease or other agents, which may impair adhesion. Cleaning techniques may include acid etching, grinding, light mechanical scabbling, blasting or degreasing, depending on wall contamination.

## Mixing Instructions

See instructions inside packing container.

## Application

Apply the mixed material to the substrate and screed to the required level. Finish to a resin rich surface by steel trowel. N.B. Primer is not required for Reepare PR400 S.P. as it is self-priming.

## Coverage

1m<sup>2</sup> @ 6mm

## Pack Size

12 kg units (2 x 6 kg)

To eliminate site batching Reepare PR400 S.P. is supplied in waterproof containers which also become the mixing bucket. The pack contains pre-blended aggregates with resin/ and curing agent pack.

## Application Conditions

The storage, mixing and application conditions can affect the quality of the finished product. Please refer to our information Data sheet reference TD300.

## Cleaning

All tools etc. should be cleaned with standard cellulose thinners immediately after use. For hands - soap and water.

## Health and Safety

Refer to product Safety Data Sheet before use.

Before using this product, please ensure that you have received and read the product Safety Data Sheet. Refer to hazard labelling on the product. Wear gloves and avoid contact with skin and eyes.

## Technical Advice

For further information on this or any other Virtus product, please contact our office.

**Note:** The information contained in this document, and all further technical advice given is based on our present knowledge and experience. However, it implies no liability or legal responsibility on our part. In particular, no warranty or guarantee of product performance in the legal sense is intended or implied as the conditions of use and the competence of any labour involved in the application are beyond our control. Properties listed are for guidance purposes only. We reserve the right to make any changes according to technological progress or further developments.

|                                 |                      |
|---------------------------------|----------------------|
| Compressive Strength            | 76 N/mm <sup>2</sup> |
| Tensile Strength                | 13 N/mm <sup>2</sup> |
| Flexural Strength               | 32 N/mm <sup>2</sup> |
| Bond Strength                   | concrete failure     |
| Elongation Break                | 0.08                 |
| Minimum Application Temperature | 5°C                  |
| Shelf Life in sealed container  | 8 months             |
| Storage Temperature             | Min 5°C<br>Max 35°C  |

### Additional Application Information:

|                     |               |
|---------------------|---------------|
| Pot Life            | 20 Min @ 20°C |
| Final Drying times: |               |
| Foot traffic        | 3 hours       |
| Lightly serviceable | 4 hours       |
| Fully serviceable   | 5 days        |

Note: All the above values are approximate. Store away from Food, Drinks, Animals and Children.