



Technical Datasheet  
Epoxy Screed Grout / Seal

# PUMAGROUT SF

## DESCRIPTION

PumagROUT SF is a specially designed thixotropic seal coat and grout for highly filled epoxy resin screed systems. It is used to grout the upper surface of such systems to provide a non-porous surface layer which can be readily cleaned. PumagROUT SF is a thixotropic resin which is forced into the surface of resin screeds. It does not soak through and leave a patchy finish as can the case with thinner seals.

## COMPOSITION

Epoxy resin and thixotropes with a limited addition of organic solvent; the resin flows when agitated as with non-drip paints.

## APPEARANCE

Semi-gloss/silk finish in coloured or clear.

## DURABILITY

Good resistance to wear.

## THICKNESS

200-300µm

## TYPICAL INSTALLATIONS

PumagROUT SF is used to provide an impervious surface with Puma resin flooring. It may also be used to grout and seal other manufacturers' resin floor screeds,

## SUBSTRATES

Resin screeds.

## APPLICATION CONDITIONS

5-30° C Maximum moisture content of 75% RH

## APPLICATION TECHNIQUES

### Sealing (1st Coat)

Apply PumagROUT SF using a dense polypropylene squeegee to force the seal into the surface and to grout any open areas. Pull down any excess seal to leave the surface with an even, thin, surface film. Finish by back rolling with a semi-dry roller. Allow to cure overnight.

### Sealing (2nd Coat)

Apply PumagROUT SF using a dense polypropylene squeegee followed by a non absorbant roller. Pull down as tight as possible to leave a completely sealed, thin surface film taking care to avoid pooling or roller/squeegee marks.

## COVERAGE RATES

	1st Coat	2nd Coat
Approximately	250g/m <sup>2</sup>	150g/m <sup>2</sup>

## SPECIFICATION DETAIL

Use with Puma resin flooring to seal screeds highly filled. A final application of a coating from the Resdev range may then be applied to give the desired finish.

## MAINTENANCE

PumagROUT SF can be maintained in its original condition providing contamination is not allowed to build up and the floor is regularly scrubbed using proprietary cleaners.

## CURE SCHEDULE

Pot Life @ 20° C	- 25-35 mins
Overcoat Dry @ 20°	- 6-8 hours
Hard Dry Foot Traffic @ 20° C	- 24 hours
Heavy Traffic @ 20° C	- 2 days
Full Cure 20° C	- 7-10 days

## CHEMICAL RESISTANCE

PumagROUT SF provides good chemical resistance but should not be used as a chemically resistance heavy duty finish as the screed is porous and if the seal coats become damaged chemical attack can occur. For heavy duty chemical resistance use Pumacrete or Pumadur HF contact Technical Department for further information.

## TECHNICAL DATA

Compressive Strength	- 40N/mm <sup>2</sup>
Flexural strength	- 35N/mm <sup>2</sup>
Lap Shear Bond Strength	- 15N/mm <sup>2</sup>
Mositure Vapour Permeability	- 2g/m <sup>2</sup> /mm/day

## HEALTH AND SAFETY

Please read technical data sheet reference TD103 and specific health and safety data for this product provided in compliance with the requirements of EC Directive 91/155.

## STORAGE, MIXING & APPLICATION

The storage, mixing and application conditions can affect the quality of the finish produced. Please read technical data sheet reference TD104.

## TECHNICAL ADVICE

For further information on this or any other Resdev product, please contact our Customer Care Department on 01422 379131.