

# Pumagrout SF Coloured

Thixotropic epoxy grout



Resin Development

## 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 these systems to provide a non-porous surface layer which can be finished with an appropriate wearing coat.

## Appearance

Semi-gloss/silk coloured finish

## Thickness

Typically 200 - 300 µm. Most of the grout is forced into the pores of the underlying screed leaving very little on the surface.

## Cure Schedule at 20 °C

Working life of full packs \* 25 minutes

\* Usable working life of material following mixing and immediate spreading as per the application instructions.

Finished floor \*

Overcoat time 12 hours

Foot traffic 24 hours

Heavy traffic 48 hours

Full cure 7 days

\* The above cure times are approximate and given as a guide only. These times can vary due to prevailing site conditions.

## Pack Size

3 kg & 6 kg units.

## Coverage\*

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

\* Coverage figures given are theoretical. Practical coverage rates may vary due to wastage factors and the type, condition, profile and porosity of the substrate.

## Colours

**Pumagrout SF** is available in a range of standard colours. **Pumagrout SF** is not colour fast and may yellow over time. The rate of change will depend on UV light and heat levels and cannot be predicted. This will be more pronounced with lighter colours and blue shades and does not compromise the product's performance or chemical resistance characteristics.

## Application Conditions

Ideal ambient and substrate temperature range is 15 - 25 °C. Localised heating (electric powered warm air blower) or cooling equipment may be required outside this range to achieve ideal temperature conditions. The substrate and uncured floor must be kept at least 3 °C above the dew point to reduce the risk of condensation or blooming on the surface, from before priming to at least 48 hours after application.

## Application Instructions

**Pumagrout SF** should be applied to the cured resin screed within 24 hours of application. Failure to do so may result in de-bonding. **Pumagrout SF** should be over-coated with the chosen finish coat within 24 hours for the same reasons.

## Application of Pumagrout SF

Pre-mix the coloured resin component before use. Add the hardener component to the coloured resin component and mix using a low speed electric mixer (200 - 500 rpm) for 1 - 2 minutes until homogeneous. Care should be taken to ensure that any material adhering to the sides and bottom of the mixing vessel is thoroughly mixed in.

Apply Pumagrout SF using a dense polypropylene squeegee to force the seal into the surface and to grout any open areas. Scrape off any excess to leave the surface with a thin, even film. Finish by back rolling with a semi-dry roller. If, when cured, there are un-filled patches, conduct a further application.

## Health and Safety

Refer to product Safety Data Sheet before use.

## EU Directive 2004/42/EC

Complies with category j type SB (< 500 g/l VOC content).

## Storage

Materials should be kept dry and stored in a weatherproof building maintained at 15 °C to 20 °C on pallets and away from walls. Consignments should be used in order of batch number. Protect from frost.

## Shelf Life \*

12 months if stored in accordance with the above recommendations.

## Resdev Limited

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### Limitations

Do not proceed with application if atmospheric relative humidity is, or is anticipated to be, >80% or if the surface temperature is <3 °C above the dew point. Application should not commence when the substrate temperature or the ambient temperature is, or is anticipated to be <5 °C during the application or within the curing period. The manufacture of **Pumagrout SF** is a batch process and despite close manufacturing tolerances, minor variations in shade may occur between batches. Products from different batches should not be used on the same surface or surfaces close together. If mixed batches are unavoidable, it is best practice to use the different batches only in areas where the colour cannot be directly compared. Touching up should only be attempted using product from the same batch using the same application methods. Product should be reserved specially for this purpose. It is recommended that touching up is carried out up to a break in the floor or surface.

### Technical Advice

For further information on this or any other Resdev 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.

Resdev Limited, Pumaflor House, Ainleys Industrial Estate Elland, West Yorkshire, HX5 9JP, England			
CE		13	DOP RV0030
EN 13813 SR-B2,0 Synthetic resin screed material for use internally in buildings not subject to reaction to fire regulations			
Reaction to fire	NPD	Impact resistance	NPD
Release of corrosive substances	SR	Sound insulation	NPD
Water permeability	NPD	Sound absorption	NPD
Wear resistance	NPD	Thermal resistance	NPD
Bond strength	B2,0	Chemical resistance	NPD

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