

RESCOVE

Epoxide Coving Mix

Description

A three component epoxide resin based material designed to enable coving to be formed to complement resin based flooring systems. The consistency and characteristics of the Rescove ensures that the operation to form the cove can be carried out quickly and economically to produce an aesthetically pleasing and hygienic finish to enhance all resin based floors. Standard Colour: Light Grey.

Advantages

- Specially formulated product.
- Eliminates difficult to clean corners.
- Compatible with all types of flooring systems.
- Easy to lay and to form.
- Solvent free.
- Excellent chemical resistance.

Applications

- Designed principally as a coving material.
- Can be used for general floor repairs.
- Ideal for vertical repairs due to its high build nature.

Technical Information

Compressive Strength:	45 N/mm ²
Bond Strength to Concrete:	Stronger than integral strength of concrete.
Pot Life:	60 mins at 20°C
Initial Cure:	24 hours at 15°C
Final Cure:	7 days
Yield:	715 cc/kg
Epicon Tack Coat 'V'	
Pot Life:	20 mins @ 20°C
Coverage:	3-4 M ² /kg

Procedure

It is advisable to form the coving prior to the application of the floor finish. The joints with the wall and/or the floor can be created by either cutting a chase into the substrate to a minimum depth of 6mm or alternatively by fixing a temporary straight edge to the surface and finishing to it. The straight edge must be the thickness of the floor finish being applied. The straight edge should be treated with a suitable release agent to prevent the Rescove adhering and to facilitate easy removal. The flooring system should be carried out over the cove where practical to provide a uniform appearance. Where this is impractical, i.e. when using heavy duty systems such as Episcreed or Epitop Heavy Duty, it is recommended that the pigmented base and hardener system, without the aggregate component be applied to the previously formed cove.

Surface Preparation

All surfaces should be clean, dry, free from oil, grease and chemical contamination. Oil and grease can be removed using Desolve.

Concrete surfaces should be free from laitance, which should be removed by grit blasting or scarifying. If it is not practical to grit blast or scarify, it is possible to acid etch the floor with Chemclean. However, precautions must be made to prevent the concrete from absorbing excess moisture.

It is recommended that concrete substrates should not have a moisture content of more than 75% RH. This can be assessed using a hair hygrometer covered with polythene for 24 hours as recommended by BS 8203. Should the strength or the surface stability of the concrete base be in doubt, then we recommend a trial patch of Rescove be applied to assess its suitability. On highly polished/power floated floors, mechanical preparation or acid etching will be necessary.

Priming

Epicon Tack Coat 'V' should be used. Mix Epicon Tack Coat 'V' in the proportions supplied by adding the entire contents of the hardener tin to the contents of the base tin and thoroughly mix. Once mixed this should be brushed well into the prepared surface. The primed surface should be covered with the Rescove between 15 minutes and 3 hours after the application of the primer tack coat and whilst the primer coat is still tacky.

Mixing

The Rescove base and hardener components should be thoroughly mixed in the base container. In cold conditions it will greatly aid mixing if the materials are stored in warm conditions.

Once the base and hardener are thoroughly mixed they should be transferred to a suitable forced action mechanical mixer such as a Creteangle or Daines and the aggregate added slowly. Once all the aggregate is added, mix thoroughly for 3 - 4 minutes until a homogeneous mix is obtained.

Application Instructions

The mixed materials should be applied to the primed substrate whilst the primer tack coat is still tacky. The Rescove mix should be compacted and finished using either a rounded float or alternatively a plastic pipe. It is advisable to keep the finishing equipment clean with Nuwash to facilitate this operation.

Limitations

Do not apply below 5°C.

In cold conditions and below 5°C curing can be aided by the use of warm air blowers.

It is recommended that concrete substrates should not have a moisture content of more than 75% RH.

Health & Safety

Rescove, like similar products, is capable of irritating unprotected skin. We therefore recommend the use of gloves and goggles.

Packaging

Rescove is available in 17.5 kg units.

Epicon Tack Coat 'V' is available in 0.25 and 1.0 kg units.

Storage

Rescove should be stored at room temperature. If stored in cold conditions the containers should be thoroughly warmed prior to use as this will greatly aid the mixing procedure.

Rescove should be stored away from foodstuffs and out of the reach of children.

Technical Support

Through our technical department and laboratories we can offer a comprehensive service to specifiers and contractors.

Technical representatives are available throughout the UK to provide further information and arrange demonstrations.



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