

RESIN THICKENER

Rheology Modifier



Description

Resin Thickener (Fumed Silica) is a Rheology Modifier used to thicken epoxy resin. Treated with PDMS which results in a hydrophobic silica providing a higher performance value than untreated fumed silica.

Recommended Uses

- Vertical surfaces
- Overhead surfaces
- Gap filling
- Fairing
- Structural bonding
- Filletting
- Laminating

Features and Benefits

- Adds volume
- Anti-sag
- High strength
- Strong adhesion
- Light weight

Product Information

Consistency Guide When Mixed with Epoxy Resin

Un-thickened (syrup): Drips off vertical surfaces.
Slightly thick (tomato sauce): 10-20% by volume = Sags down vertical surfaces.
Moderately thick (mayonnaise): 30-50% by volume = Clings to vertical surfaces.
Very thick (peanut paste): +100% by volume = For use as a glue for bonding/filling.

Product Application

- Mix the desired quantity of resin and hardener as per product instructions thoroughly before adding Resin Thickener.
- Resin Thickener is added on top of the epoxy quantity required.
- Begin with a small batch - allow room in the pail/bucket for the Resin Thickener to be added.
- Blend in small quantities until the desired consistency is reached. Ensure the Resin Thickener is thoroughly blended before the mix is applied to the substrate.

Physical Properties

Solids Content 100%
Finish Irregular semi-gloss finish
Physical properties are dependent on which epoxy is used.

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CAUTION

- Resin that has been made moderately or very thick will not self level.
- Wear appropriate PPE.

In an emergency, contact the Poisons Information Centre on 13 11 26 or a doctor for advice. IF THE SITUATION IS LIFE THREATENING, DIAL 000 IMMEDIATELY.

DISCLAIMER: Please ensure you read the SDS & TDS thoroughly & carefully before the use or application of any All Purpose Coatings product. These documents contain information in context to how you will apply the product, including if it is being used in conjunction with any other products or systems, and to what surface the product will be applied. All-Purpose Coatings Pty Ltd does not accept any liability either directly or indirectly for any losses that arise from the use or application of the product in accordance with any advice, specification & recommendation given by the companies' documentation or representatives at any point in time. Application, performance & safety data may change from time to time. It is the user and/or applicators' responsibility to ensure they have the latest copy of any documentation pertaining to their project. Industry standards recommend the accurate recording of times and dates, batch numbers, consumption rates and environmental conditions including substrate and air temperatures, humidity levels and dew point readings during both the application and curing processes. Full material warranties cannot be provided unless all the relevant data has been recorded accurately.

NOTE: Refer to individual Installation Instructions & SDS for mixing instructions, recommended PPE during preparation & application of products.

1800 437 699 | SALES@ALLPURPOSECOATINGS.COM.AU | 16 HAWKINS CRESCENT, BUNDAMBA, QLD 4304.

TECHNICAL DATA SHEET APC V0124