

Binder

Synthetic resin dispersion (emulsion)



Product Description

Field of Application

High-grade synthetic resin dispersion/emulsion binder, used for self-preparing exterior and interior paints. Also suitable for priming, upgrading distemper paints, and as an additive for wall paper glue to achieve a sufficient adhesion of dense wallpapers and fabrics, for gloss-coatings, semi-transparent glaze/scumbling coats (thin film translucent coating), artistic paint work, etc.

Upgrading of Distemper Paints:

The wash/wipe resistance of distemper paints can be improved by adding approx. 5 - 10 % of Binder.

Semi-Transparent Glaze/Scumbling Coats:

Dilute 2 parts of Binder with 1 part of tap (potable) water and add ready-made emulsion based colourants, e.g. AVA (AmphiColor®) or CaparolColor, depending on the desired effect.

Bonding of Wallpapers and Fabrics:

The adhesive power and initial adhesion of glues used for dense wallpapers and glass fabrics can be improved by adding up to 20 % Binder.

Self-Prepared Paint:

| | Bond | Weather-resistant | Wash-resistant |
|-----------------|-----------------------|-------------------|----------------|
| Parts by volume | Binder | 1 | 1 |
| | Pigmented slurry/pulp | 2 | 3 |
| Parts by weight | Binder | 1 | 1 |
| | Paint | 2 | 3 |
| | Water | 1 | 1.5 |

Material Properties

The field of application for Binder as a universal dispersion/emulsion binder is wide. The binder is a well proven and very versatile product, especially for use in the associated areas that arise from painting work, e.g. restorative painting.

Packaging/Package Size

1 litre, 5 litres, 12.5 litres

Colours

Colourless after drying.

Binder can be tinted with non-fading and alkali resistant coloured pigments or emulsion based colourants, e.g. AVA (AmphiColor®) or CaparolColor.

Gloss Level

Satin-finished (satin-gloss/mid sheen) to matt (flat), depending on the degree of dilution.



Storage

Suitability according to
Technical Information No. 606
Definition of Application Areas

Keep in a cool, but frost-free place.

| Interior 1 | Interior 2 | Interior 3 | Exterior 1 | Exterior 2 |
|--|------------|------------|------------|------------|
| + | + | + | + | + |
| (-) inapplicable / (○) of limited suitability / (+) suitable | | | | |

Application

Method of Application

Surface Coating System

Application Conditions

Paints prepared with Binder can be applied by paint brush, roller or spraying equipment.

For Self-Prepared Paint:

Apply one transparent priming coat of Binder, diluted in a 1:5 ratio with tap (potable) water. Apply an intermediate and finishing coat using the self-prepared paint.

Lower Temperature Limit for Application and Drying:

+5 °C for product, ambient air and substrate.

Advice

Please Note (Status as at Date of Publication)

Disposal

EU limit value for the VOC content

Product Code Paints and Enamels

Substances of Content - Declaration

Technical Assistance

Customer Service Centre

Keep out of reach from children. Ensure good ventilation during use and drying. Do not eat, drink or smoke while using the paint. In case of contact with eyes or skin, immediately and thoroughly rinse with water. Do not allow product to enter drains, waterways or soil. Clean utensils immediately after use with soap and water. Do not breathe spray dust. Use combifilter A2/P2 when spraying. Further information: See Material Safety Data Sheet (MSDS).

Contains: 1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.

In Germany: Advice for allergy sufferers with isothiazolinone allergy: Hotline 0180/5308928 (0.14 €/minute from German landline, MTS max. 0.42 €/minute).

Materials and all related packaging must be disposed of in a safe way in accordance with the full requirements of the local authorities. Particular attention should be made to removing wastage from site in compliance with standard construction site procedures. In Germany: Only completely empty containers should be handed in for recycling. Dispose containers with residues of liquid product via waste collection point accepting old paints and enamels. Dispose dried/hardened product residues as construction site/demolition/municipal or domestic waste.

of this product (category A/a): max. 30 g/l (2010). This product contains max. 10 g/l VOC.

M-GF01 (Germany)

Polyvinyl acetate resin, water, aliphatics (< 0.5 %), additives, preservatives (Methyl-/Benzisothiazolinone).

As it is impossible to list herein the wide variety of substrates and their specific problems, please request our technical assistance in case of queries. We will describe appropriate working methods, if a substrate not specified above is to be coated.

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All suggestions and application instructions herein are based on our latest technical experience. Due to the wide variety of individual project conditions, we cannot be held responsible for their content. These instructions do not release the purchaser/ applicator from his responsibility to determine the suitability of the product in consideration of the project characteristics. These instructions are to be considered void when a new edition is released. Our general conditions of sale and delivery in their latest edition apply. This document is a translation of our German Technical Information No.001 - Binder - Issued: January 2016