

Decorative Moldings 3040

Wall, Corner, Base and Decorative Moldings made from polystyrene, hardened polystyrene or polyurethane, for interior use



Field of application

For decorative, individual interior wall and ceiling designs. Decorative Moldings will enhance any room and can be integrated into both classical and modern room concepts. These robust Decorative Moldings made of hardened polystyrene can also be used in base areas. These lightweight PS moldings should be used anywhere where they are not mechanically stressed. Furthermore, these TL Decorative Moldings made from polyurethane (except for TL Decorative Molding 3179) also offer a variety of design options, with and without lighting. The additional combination with the TuneLight LED Lighting System achieves the perfect combination of room and lighting concepts. Can be used on load-bearing substrates, e.g., interior plaster (compressive strength category CS II/CS III/CS IV and B1-B7), concrete, gypsum plasterboard, and intact coats of emulsion paint.

Properties

Polystyrene Moldings PS

- Made of lightweight polystyrene
- Groove for adhesive on the rear side
- High-quality surface as is evident from the sharp contours
- Pre-primed white
- Easy to cut

EP Corner Molding, WP Wall Molding, SP Base Molding, and TL Decorative Molding 3179

- Made of hardened polystyrene
- Extremely shock-proof
- High-quality surface as is evident from the sharp contours
- Pre-primed white
- High dimensional stability under different climatic conditions
- Water resistant
- (SP) additionally with integrated cable channel

Properties

- TL Decorative Moldings, except for TL Decorative Molding 3179
- Made from high-quality polyurethane
 - Extremely straight formation
 - Versatile
 - Can be combined with the TuneLight LED Lighting System
 - Can be combined with one another
 - Precoated smooth, coating-friendly surface
 - Large adhesion surface for easy mounting

Material description

Designs	Different profiles in accordance with the sample case or data and details in the brochures "Decorative Moldings 3040" and "TuneLight"
Color shade	white
Base material	Light polystyrene – Polystyrene Moldings PS Hardened polystyrene – EP Corner Moldings, WP Wall Molding and SP Base Molding Polyurethane – TL Decorative Molding
Density	Polystyrene approx. 70 kg/m ³ Hardened polystyrene approx. 400 kg/m ³ Polyurethane approx. 1000 kg/m ³
Length of the moldings	Approx. 2 m

Use

Preparatory measures	Allow Decorative Moldings and glue to acclimatize before use, this means storing them overnight where the mounting is to take place. This ensures that the best possible adhesion is achieved between the profile and the substrate. Clean and dust the side of the profiles to be coated before mounting.
Application temperature	Mount Decorative Moldings only at a room temperature of at least 16°C and humidity between 50 and 60%. Acclimate the Decorative Moldings as described above before mounting in order to avoid differences between storage and gluing temperatures.
Substrate preparation	The substrate must be solid, dry, clean, load-bearing and free from efflorescence, sinter layers, separating agents, corrosion-promoting components, or other intermediate layers affecting the adhesion. Check existing coatings for their suitability, load-bearing capacity, and adhesive properties. Remove defective and unsuitable coatings thoroughly and dispose of them in accordance with the applicable regulations. Thoroughly wash off limepaint. Wash down intact coats of oil paints and varnishes with an alkaline solution, thoroughly sand and clean them. Remove wall coverings, including remains of paste and paper waste. Apply a prime and/or intermediate coat to the substrate as required. See also VOB Part C, DIN 18363, Section 3.

Mounting Using Miter Box 3040 and the appropriate PUR/MV Insulation Saw 1142 for hardened polystyrene (EP, WP, and SP) and polyurethane (TL) or the Rigid Foam Saw 3798 for light polystyrene (PS), cut the decorative moldings in accordance with the dimensions of the room. Each profile has a specific side or wall height. For precise gluing, mark the molding height using a chalk line on the wall surface. To simplify the task for large Decorative Moldings, small brads should be positioned in the wall in approx. 40–50 cm intervals; they can be removed once the adhesive has cured. Before gluing, check the fit of the cut profiles on the wall. Apply a sufficient quantity of Decorative Molding Adhesive 3041 to the adhesion surfaces of the moldings (ceiling and wall connection) as well as the joints and miter cuts. Butt Joint Adhesive 3341 must be used to mount the TL Decorative Moldings in butt joints. Position the molding, align it according to the marking and press it on. The adhesion surfaces should be fully moistened subsequent to pressure exertion, and the adhesive bedding should be 1 mm thick, or 2–3 mm thick at the joints. Fill all connection and miter joints with Decorative Molding Adhesive 3041 as required, and smooth it with a spatula. If necessary, mold with a suitable tool (e.g. a dampened sponge or paintbrush). Remove excess adhesive residues immediately with a damp sponge. If necessary, apply a second coat of filler. Follow the instructions in the Decorative Molding Adhesive 3041 and Butt Joint Adhesive 3341 Data Sheets.

Application temperature Do not apply if air or object temperature is below +10 °C.

Coating When the adhesive has dried, the Decorative Moldings can be individually coated with interior emulsion paints or water-dilutable acrylic paints. Prime base and wall moldings in middle and lower wall areas with 2C-Aqua Epoxy Primer 2373 before coating.

Drying (+20°C, 65% relative humidity)

Coatable after about 4–6 hours. The glue is completely dry after approx. 24 hours.
Allow longer drying times at lower temperatures and/or higher air humidity.

Storage

Store the Decorative Moldings in a dry place at room temperature. Carefully store boxes and individual moldings.

Notes

- Only for interior use** The Decorative Moldings are only suitable for use in interior areas.
- Filling rough surfaces** Smooth rough surfaces before the coating build-up by filling them with, e.g., Briplast Mineral Hand Applying Light Filler ELF 1886, as required.
- For decorative design** The Decorative Moldings are only decorative design elements. They are not designed to bear loads. For this reason, they should be kept separate from elements which can cause stresses or displacements.

Notes

Excellent surface “cleanability”

To achieve a surface with even greater “cleanability” (e.g. repeated, partial removal of dirt with a damp sponge), we recommend the use of interior emulsion paints with a wet abrasion resistance class 1 and medium gloss or a glossy surface, e.g. Latex Paint ELF 992 or even Lacryl-PU or Hydro-PU paints.

Touch-ups

Surface touch-ups become more or less evident depending on the object situation. According to BFS Leaflet No. 25, point 4.2.2.1, section e), this is inevitable.

Further information

Read and follow the instructions in the Data Sheets of the products to be used.

Remark

This Data Sheet is based on extensive development work and years of practical experience. The translation corresponds to the current German version, in compliance with the German laws, regulations, standards and guidelines. Its content does not constitute a contractual legal relationship. The user/buyer is not released from the responsibility of checking our products to ensure they are suitable for the intended application. In addition, our general terms of business apply.

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