

Malacryl-Universal

Solvent-based matt interior renovation paint qualified for use in large-scale objects.



Product characteristics

Properties	<ul style="list-style-type: none">• Solvent-based• Can be used on stains of nicotine, smoke and dried-up water spots• Good covering power• Low tension• For use on polystyrene
Areas of application	Interior only
Suitable substrates in detail	<ul style="list-style-type: none">• For wall and ceiling areas in need of renovation, with nicotine and water stains• For critical mixed substrates in industrial interior areas

Material description

Binder	Polymer resin
Density	1.4 kg/l
Maximum particle size	Fine
Wet scrub class	2
Opacity class	2 at 6 - 7 m ² /L
Average consumption (short text)	approx. 150 - 200 ml/m ²
Average consumption	The consumption varies depending on the application technique and the substrate. It is therefore advisable to determine the exact consumption figure by producing a sample area.
Colour shade	White
Suitable tinting paints	Max. 1% of tinting concentrates. Please note that with tinted products the specified properties may change.
Gloss level	Matt
Storage	<ul style="list-style-type: none">• Cool and dry• Also possible below 0° C

Substrates

Suitable substrates	<ul style="list-style-type: none">• Coil-coating metal sheets• Plastics such as rigid PVS• Polystyrene• Firm, low-absorbent mineral renders/plasters• Aluminium• Zinc• Anti-corrosive iron
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Substrate conditions The substrate must be clean, dry, frost-free, firm and sound as well as free from efflorescences, algae, moss, fungal attack, sinter layers and release agents. Follow the building regulations (in Germany VOB, Part C, DIN 18363, Section 3).

Application

Application method	Application by brush, roller or spraying
Spraying data	Suitable airless systems with an output of at least 3 L / min. Airless: spray pressure in bar: 200 - 170 / spraying angle: 50° / nozzle size in inch: 0,021 / filter: 60 mesh
Coating system	Priming coat Dry, slightly absorbent and sound substrates / existing paint layers can be coated without applying an additional primer. Intermediate coat Unthinned Finishing coat Unthinned BFS Fact Sheets Nos. 10 and 20 apply
Application	When painting pay attention to spread the material liberally and evenly in order to achieve a coat thickness which is necessary for the visual appearance and durability.
Note	<p>The typical odour is most intensive in the initial stage after the application of the product and decreases with increasing curing. Customers should be informed about it before. Due to a prolonged and increased odour, the application in sensitive areas (e.g. living and office spaces) may require the use of an aqueous stain insulating paint - like Malacryl-Aqua Top or Haft- & Sperrgrund - finished with an appropriate paint layer.</p> <p>Solvent-based materials should not be applied in rooms which are used for the storage of foodstuffs and beverages. The product is not suitable as coating material on surfaces that are exposed to water vapour like in bakeries or similar. The permeability of this product, humidity and/or water vapour as well as the refinish with water-based products may cause a penetration of watersoluble, colouring ingredients.</p> <p>A test coating is always advisable. Aggressive ingredients, such as dessicated water spots or similiar must be additionally isolated with Malacryl Iso-Grund.</p> <p>The material contains solvents and must therefore be kept away from open flames and heat sources. Do not smoke while using the product and ensure good ventilation. Foodstuffs and beverages must be evacuated during processing and drying. Caution in closed rooms.</p> <p>Check tinted paint for colour accuracy prior to the application. Objections regarding the colour shade cannot be accepted after the application.</p> <p>The figures given for parameters are average values. Due to the use of natural raw materials in our products, the actual value determined on the individual supplied product may differ slightly without affecting its suitability. These date refer to the white respectively standard product. Tinting may cause deviations.</p> <p>Plasto-elastic joints should not be coated as the higher elasticity of the sealing mass might cause cracks or discolouration of the coating. In individual cases tests have to be carried out to judge the suitability.</p>
Compatibility	Do not mix with other products.
Practical hints	Repairs Touching up surfaces may be more or less visible, even with using the original coating material. Traces are unavoidable according to BFS Fact Sheet No. 25. Whether a repair is considered as optically disturbing is depending on many parameters, like colour shade, gloss level, layer thickness, substrate, illumination etc. It is advisable to apply a test coating on inconspicuous places.
	Hairline Crack bridging Coatings on Gypsum Plasterboard In correspondance with the building regulations (in Germany VOB/C DIN 18363, Section 3.2.1.2) hairline crack bridging coatings on gypsum plasterboards and gypsum fibreboards can only be realized by the additional embedding of a fleece.
	Sidelight Unfavourable lighting conditions (sidelight) may occur for instance after the subsequent installation of lights. This fact must be known before works. Specific requirements on evenness and uniformity of the coating have to be previously agreed upon.

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Temperature limit	0° C. During processing and drying, the substrate must be frost-free and dry. For a satisfactory processing even with low temperatures, a minimum material temperature of + 10° C must be ensured.
Drying time	At + 20° C for substrate and ambient air and 65% relative humidity (RH), recoatable after approx. 12 hours. Lower temperature or a higher humidity extend the drying time.
Tool cleaning	Immediately after use with synthetic resin thinner or white spirit

Information

Product code	BSL20 (M-PL01)
Hazard statements and safety advice	Flammable liquid and vapour. Repeated exposure may cause skin dryness or cracking. Keep out of reach of children. Keep away from heat/sparks/open flames/ hot surfaces. No smoking. Do not breathe dust or mist. Do not get in eyes, on skin, or on clothing. Only use outdoors or in well-ventilated rooms. Avoid release to the environment. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
Declaration of ingredients	Polyacrylate resin, titanium dioxide, calcium carbonate, silicates, aliphates, ester, glycol ether, additives
Observe safety data sheets	Further details: See Safety Material Data Sheet (MSDS)
Category VOC	EU limit value for the VOC contents of this product: (Category A/i) 500g/l (2010). This product contains max.
VOC content (in gram per litre)	430 g/l
WHC	1 (weakly water-polluting)
Waste disposal	Only completely emptied containers should be given 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.

Container size

Content		EAN code	Article no.
12,5 L	Weiß	4002822019136	842771

This data sheet cannot deal with all types of application arising in practice. Therefore, we cannot be held responsible for their content. These instructions do not release the purchaser / applicator from his responsibility of professionally examining the substrate and determining the suitability of the product in consideration of the project characteristics. In case of queries please request the technical assistance of ALLIGATOR FARBWERKE.