Lacryl-PU Blackboard Paint 258

Lacryl-PU Schultafellack 258

Water-based, low odor, dull matt, for interior use

Field of application

For dull matt, non-reflective, indoor paint applications. Suitable for pretreated and primed wooden or metal surfaces, e.g. plywood, particle board or hardboard. Suitable as enamel paint for school blackboards, decorative elements, etc.

Properties

Special, dull matt, water-based acrylic enamel paint. Low odor, quick-drying, non-reflective and easy to clean. Created surfaces are suitable for writing on with commercially available blackboard chalk.

Material description

Color: A large number of color shades can be mixed with the Brillux Color System.
Gloss grade: dull matt
Base material: acrylate copolymer emulsion
VOC: EU limit value for this product (Cat. A/d): 100 g/l (2010).
This product contains max. 100 g/l VOC.
Contents: Acrylate copolymer emulsion, titanium dioxide, inorganic/organic color pigments (depending on the color shade), calcium carbonate, barium sulphate silicates, water, glycol ether, additives and preservatives (methylisothiazolinone and benzisothiazolinone)
Density: approx. 1.32-1.38 g/cm³
Packaging: 750 ml, 3 l

Use

Thinning
Ready for application.
Usually not required, if necessary, dilute with water up to a maximum of 10%.

Tinting
All colors can be mixed with one another without limitations.

Compatibility
Do not mix with other types of materials.

Application
Lacryl PU Blackboard Paint 258 can be applied with a brush, roller and spray application. All data on spray application has been provided in the following "Spray data" table.

Consumption
Approx. 90-110 ml/m² per layer. Determine the exact consumption by means of a test application on the object to be coated.

Application temperature
Do not apply if air or object temperature is below +5°C.

Tool cleaning
Clean tools immediately after use with water and soap.

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Spray data

Spray system	Nozzle	Spraying angle	Supply air/ air quantity	Material pressure/ material quantity	Dilution	Cross-spray-ing
Low pressure [1)]	Yellow front end [2)]	–	100 %	Ring setting 6.5-7	approx. 10 %	1
AirCoat [3)]	0.009–0.011 inch	40°	1.0-1.5 bar (air)	140 bar	unthinned	1
Airless [4)]	0.008–0.010 inch	40°	–	200 bar	approx. 5 %	1

The data is based on substrate and ambient temperatures of +20°C.

[1)] Information relating to XVLP technology with Wagner FinishControl FC 3500 or FC 5000.

[2)] StandardSpray spray attachment (yellow) for all standard lacquers and woodstains. Also keep the nozzle clean during application. Remove dry paint material with a soft brush. Please follow the equipment manufacturer's instructions.

[3)] Information relating to the use of 09/40 AirCoat nozzles (green air cap) e.g. for large-surface applications and 11/40 nozzles with otherwise unchanged settings.

[4)] Information relating to the use of 410 FineFinish nozzles (Trade tip 3 - violet) e.g. for large-surface applications and 11/40 nozzles with otherwise unchanged settings.

Drying (+20 °C, 65 % relative humidity)

Dust dry after approx. 2 hours.
Recoatable after approx. 6 hours.
Suitable for writing on at minimum 48 hours following curing.
Allow longer drying times at lower temperatures and/or higher air humidity.

Storage

Store in a cool, dry and frost-free place. Reseal opened containers tightly.

Declaration

Water pollution classification
WGK 1, in accordance with VwVwS

Product code
BSW30.

Comply with the specifications in the current Safety Data Sheet. Information for individuals allergic to isothiazolinone is available at phone +49 251 7188-403.

Coating build-up

Substrate preparation
The substrate must be solid, dry, clean, with good adhesiveness, load-bearing and free of separating agents. Check existing coatings for their suitability, load-bearing capacity, and adhesive properties. Thoroughly remove defective and unsuitable coatings and dispose of them in accordance with the applicable regulations. Thoroughly sand intact enamel paint coatings. Hazardous particles and vapors may be released while reworking or removing old paint coats, e.g. as a result of sanding, paint removal by heat gun, etc. Perform such work in well ventilated areas only and ensure the use of appropriate protective equipment (including respiratory protective equipment) as required. Also see VOB Part C, DIN 18363, Section 3.

Interior coats on wood

Substrates	Prime coat [1)]	Intermediate coat	Top coat
Wooden components and wooden-based materials, untreated, interior application, e.g. particle board	Depending on the requirements and selection with 2K-Aqua Epoxi-Primer 2373, 2K-Aqua Epoxi Spray Primer 2375 or 2K-Epoxi Primer 855	2K-Aqua Epoxi-Primer 2373, 2K-Aqua Epoxi Spray Primer 2375 or 2K-Epoxi Primer 855	2x Lacryl-PU Blackboard Paint 258
Wooden components, featuring intact, load-bearing, two-component coatings, interior application	defective areas with 2K-Aqua Epoxi Primer 2373, 2K-Aqua Epoxi Spray Primer 2375 or 2K-Epoxi Primer 855		

[1)] Depending on the individual requirements you may also be able to use elements, such as Enamel Filler 518 to fill surfaces after having completed priming.

Interior coats on iron/steel, zinc, zinc-coated steel, aluminum, hard PVC

Substrates	Prime coat [2)]	Intermediate coat	Top coat
Iron/steel, interior, untreated [1)]	2K-Aqua Epoxi Primer 2373, 2K-Aqua Epoxi Spray Primer 2375 or 2K-Epoxi Primer 855	2K-Aqua Epoxi Primer 2373, 2K-Aqua Epoxi Spray Primer 2375 or 2K-Epoxi Primer 855 to damaged areas	2x Lacryl-PU Blackboard Paint 258
Iron/steel, interior, with factory prime coat [1)]	defective areas with 2K-Aqua Epoxi Primer 2373, 2K-Aqua Epoxi Spray Primer 2375 or 2K-Epoxi Primer 855		
Zinc, zinc-coated components, interior, untreated	2K-Aqua Epoxi-Primer 2373, 2K-Aqua Epoxi Spray Primer 2375 or 2K-Epoxi Primer 855		
Aluminum, interior, bare metal, untreated	2K-Aqua Epoxi-Primer 2373, 2K-Aqua Epoxi Spray Primer 2375 or 2K-Epoxi Primer 855		
Coatable plastics, interior, untreated			
Intact, load-bearing, two-component coating, interior	defective areas with 2K-Aqua Epoxi Primer 2373, 2K-Aqua Epoxi Spray Primer 2375 or 2K-Epoxi Primer 855	2K-Aqua Epoxi Primer 2373, 2K-Aqua Epoxi Spray Primer 2375 or 2K-Epoxi Primer 855 to damaged areas	

[1)] For application in areas meeting specifications as per corrosion category C1 (irrelevant) as per EN ISO 12944.

[2)] Depending on the individual requirements you may also be able to use elements, such as Enamel Filler 518 to fill surfaces after having completed priming.

Interior coat on nonwoven for walls

Substrates [1)]	Prime coat	Intermediate coat	Top coat
Glued nonwoven, Xtra Nonwoven 1725	Adhesion Primer ELF 3720	Lacryl-PU Blackboard Paint 258	Lacryl-PU Blackboard Paint 258

[1)] Follow the instructions in the Xtra Nonwoven 1725 Data Sheet.
Exclusively use two-component coating in conjunction with CreaGlas Nonwoven VG Magnetic.

Notes

Sand substrates
We recommend intermediate sanding between the individual work steps. The surfaces must be sanded down to ensure a "paint-on-paint" structure.

Comply with protective measures.
The standard protective measures must also be adhered to when applying low-emission paints. Keep out of the reach of children. Use the combination filter A2/P2 for spraying. Use the dust filter P2 during sanding. Ensure proper ventilation during application and drying. Avoid eating, drinking and smoking during application. Upon contact with eyes or skin, immediately rinse thoroughly with water. Ensure that the material does not penetrate the sewage system, waters or soil.

Avoid contact with plasticizers
Do not bring the paint coat into contact with plasticized plastic materials, e.g. sealing profiles/sealants. Use profiles that do not contain plasticizer.

Avoid "paint-on-paint contacts"
Water-based paints exhibit thermoplastic behavior. As a consequence, "paint-on-paint" contacts, e.g. by stacking, must be avoided.

Writing with chalk
Use conventional chalkboard chalk for writing only. Do not use fluid chalk, coarse road application paint or other chalk markers. Traces of writing and use (chalk residue) are unavoidable as a result of mechanical surface wear caused by of writing with chalk. In individual cases, marks may also remain visible following careful cleaning. Do not write on the wet surface after having cleaned the blackboard with water. Allow the surface to fully dry first.

In the event of intensive use
Lacryl-PU Blackboard Paint 258 is suitable for surfaces subject to normal degrees of use following drying and curing. Use appropriate special-purpose or ex-factory coatings for intensive or also commercially used blackboards.

In the event of mechanical stress
Pigment abrasion cannot be excluded as a result of mechanical stress. However, this does not influence the functionality of the coat.

Color shade effect
Deviations to paint templates, e.g. RAL sample cards are unavoidable as a result of particular material characteristics and the very dull surfaces used. Check the color shade prior to application.

Further information
Follow the instructions in the data sheets of the products used.

Remark

This Data Sheet has been prepared taking into account the current applicable German laws, standards, specifications and codes of practice. All details have been translated from the current German version. The contents do not form a legal contract. The user and/or the purchaser is not released from the responsibility of checking that our products are suitable for the proposed use. In addition our Terms of Conditions and Payment apply.

When a new version of this Data Sheet with updated information is published, the previous version no longer applies. The current version is available on our website.

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