

Lacryl-PU Radiator Enamel 265

water-based, low odor, glossy, quick-drying, Heat resistant up to +180°C



Color System

Field of application

For environmentally friendly paint coatings (which are resistant to yellowing) on steel and cast-iron radiators, factory-coated radiators as well as pipes in hot water and steam heating systems.

Properties

- Water-based
- Low-emission
- Acrylic resin base
- PU-reinforced
- Heat resistant up to +180°C
- Particularly high edge covering capacity
- High degree of whiteness stability
- Color stable up to +140°C
- Fast-drying
- Good adhesion
- Good hiding power
- Easy to apply
- Good flow properties
- Complies with EN 71-3 Safety of toys, resistant to saliva and perspiration
- Tested according to requirements of AgBB evaluation schemes

Material description

Colors	0095 white. Light color shades can be mixed using the Brillux Color System.
Degree of gloss	Glossy
Base material	Acrylate copolymer emulsion
VOC	EU limit value for this product (Cat. A/ g): 140 g/l (2010). This product contains max. 100 g/l VOC.

Material description

Constituent substances Acrylate copolymer emulsion, titanium dioxide, inorganic/organic colored pigments (depending on the color shade), water, glycol ether, additives, and preservatives (benzisothiazolinone and methylisothiazolinone)

Density Approx. 1.2 g/cm³

Packaging 375 ml, 750 ml, 3 l

Use

Thinning As required, dilute by up to 5% or up to 10% with water for a spray application.

Tinting Do not tint.
Light color shades can be mixed using the Brillux Color System.
For medium or deeply tinted coatings on hot water radiators, up to max. +80°C, Lacryl-PU Gloss Enamel 275, Lacryl PU Silk Matt Enamel 270, Hydro-PU-Spray Silk Matt Enamel 2188 or Hydro-PU-XSpray Silk Matt Enamel 2288 can also be used.

Compatibility Do not mix with other materials.

Application Lacryl-PU Radiator Enamel 265 can be applied by using brush, roller and spray application. All data on spray application has been provided in the following table.

Consumption Approx. 110-130 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.

Spray data

Spray system	Nozzle	Spray angle	Supply air/ air quantity	Material pressure/ material quantity	Thinning	Cross- spraying
Low pressure ¹⁾	Yellow front end ²⁾	–	50–100%	Ring setting 6-8	Approx. 10%	1–1½
AirCoat ³⁾	0.009–0.011 inch	40°	1.0 bar (air)	100 bar	Undiluted	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 surface-dried paint material with a soft paint brush. Follow the equipment manufacturer's instructions.

³⁾ Information related to the use of AirCoat nozzles 9/40 or 11/40 (blue air cap)

Drying (+20°C, 65% relative humidity)

Dust dry after approx. ½ hour. Coatable after approx. 1 hour.
Allow for longer drying time if the temperature is lower and/or the humidity is higher.

Storage

Store in a cool, dry, and frost-free place. Reseal opened containers tightly. Only recycle completely empty containers. Dispose of liquid material residue at a collection point for old varnishes/old paints.

Declaration

Product code BSW30
Comply with the specifications in the current Safety Data Sheet.
Information for people allergic to isothiazolinone can be obtained by calling +49 251 7188-403

Coating build-up

Substrate preparation The substrate must be solid, dry, clean, with good adhesiveness, load-bearing, and free from separating agents. Derust iron and defects. 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. Hazardous particles and vapors may be released when reworking or removing old paint coats, e.g. as a result of sanding, paint removal by heat gun, etc. Perform such work only in well ventilated areas and ensure the use of appropriate protective equipment (including respiratory protective equipment) as required. Pretreat, prime and/or apply the intermediate coat to the substrate, as required. Also see VOB Part C, DIN 18363, Paragraph 3.

Coatings on radiators and radiator pipes

Substrates	Prime coat	Intermediate and top coats
Radiators, pipes, etc., interior, untreated or stripped	Metal Primer 850	Depending on the individual requirements 1– 2x Lacryl-PU Radiator Enamel 265
Radiators, pipes, etc., interior, factory-primed	Prepare defects with Metal Primer 850	
Radiators, pipes, e.g., in interior areas, with intact, load-bearing old coating	Lacryl Universal Primer 246	
Radiator with intact enameled coating, powder coating and untreated non-ferrous metal pipes, in interior areas	2K-EP Varioprimer 865 or 2K-EP Varioprimer S 864	

Notes

Comply with the 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. On contact with eyes or skin, immediately rinse thoroughly with water. Ensure that the material cannot enter the sewage system, bodies of water, or the soil.

Factory prime coatings Factory prime coatings must correspond to DIN 55900.

Sand the substrates We recommend intermediate sanding between the individual work steps. For a "paint-on-paint" build-up, the surface must first be sanded down.

Notes

Avoid contact with plasticizers Do not allow the paint coating to come into contact with plastics containing plasticizers, e.g., sealing profiles/sealants, etc.. Use profiles that do not contain any plasticizer.

Further information Follow the instructions on the data sheets of the products 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.

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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