

Impredur Silk Matt Paint 880

Impredur Seidenmattlack 880

**aromatics-free, mild odor, well-covering,
premium quality, for exterior and interior application**

Properties

High-quality, aromatics-free, mild-odor alkyd resin varnish. Silk-matt, thixotrope, i.e. easy to apply, and wear-resistant. Excellent flow characteristics, good covering capacity and silk-matt surface appearance. Resistant to standard household cleaning agents. Complies with EN 71-3 Safety of toys : Migration of certain elements.

Field of Application

For high-quality paint coats on prime-coated wood or metal surfaces in the interior and exterior (protected against direct weathering), e.g. doors, frames, furniture, cabinets). Can also be used for renovating intact paint coats and for colored coating of hot-water radiators (except for all bright color shades).

Material description

Standard colors: For information on the standard colors and container sizes, refer to the table on the next page.

Gloss grade: silk matt

Material basis: Alkyd resin, contains solvents, pigmented
VOC: EU limit for this product (Kat. A/d: 400 g/l (2007)). This product contains a max. of 400 g/l VOC

Flash point: +56 °C

Density: approx. 1.24 g/cm³ (white)

Packaging: see table on Page 2

Use

Thinning

If required, for brush and roller application dilute with Thinner AF 631. For spraying, dilute with Special Synthetic Resin Thinner 915. For thinning, add a max. of 8 vol.-% (white) or 5% (colored).

Tinting

All colors can be mixed with one another.

Compatibility

May only be mixed with materials of the same type and the materials specified for this purpose in this data sheet.

Application

Impredur Silk Matt Paint 880 can be applied by means of a paintbrush or paint roller and using a spray method.

Consumption

Approx. 90 to 110 ml/m² per coat. Determine exact consumption by way of a test application on the object.

Application temperature

Do not apply below +5 °C (air and object temperature).

Tool cleaning

After use, clean tools immediately using Thinner AF 631 or Quick-Acting Brush Cleaner 111.

Drying

(+20 °C, 65 % r. m.)

Dust-dry after approx. 3 hours, non-sticky after approx. 8 hours. Next coat can be applied after approx. 48 hours. In lower temperatures and/or higher atmospheric moisture, allow for longer curing time.

Storage

Cool and dry. Close opened containers tightly.

Standard colors and container sizes

Scala No.	Designation	125 ml	375 ml	750 ml	2.5 l
–	0095 white	●	●	●	●
–	0096 old white	●	●	●	●
03.03.09	RAL 9002 grey white				●
03.18.18	RAL 1021 rape yellow	●	●	●	●
09.06.06	RAL 9001 cream white				●
09.09.09	RAL 1015 bright ivory		●	●	●
09.09.15	RAL 1001 beige		●	●	
15.06.30	RAL 8017 chocolate brown	●	●	●	●
18.09.27	RAL 8011 nut brown	●	●	●	●
27.24.27	RAL 3000 fire red	●	●	●	●
51.03.24	RAL 7037 dust grey		●	●	●
54.15.30	RAL 5002 ultramarine blue		●	●	●
60.06.30	RAL 7024 graphite grey		●	●	●
60.09.21	RAL 5014 pigeon blue		●	●	●
60.18.27	RAL 5010 gentian blue	●	●	●	●
63.03.18	RAL 7001 silver grey		●	●	●
63.18.24	RAL 5015 sky blue		●	●	●
72.06.30	RAL 7016 anthracite grey		●	●	●
75.03.12	RAL 7035 light grey	●	●	●	●
75.03.15	RAL 7038 agate grey		●	●	●
81.09.30	RAL 6005 moss green	●	●	●	●
84.15.30	RAL 6002 leaf green	●	●	●	●
93.03.06	RAL 9010 pure white				●
–	9900 black	●	●	●	●

Many other colors can be mixed via the Brillux color system (paint mixing equipment).

Color system container sizes: 375 ml, 750 ml, 2.5 l, 10 l.

Declaration

Note

Inflammable. Contains 2-butaneonoxim and cobalt(2+)-salts. Can cause allergic reactions.

Hazard warning

Can cause long-term damage in waters.

Safety recommendations

Keep away from children. Make sure the product does not leak into the sewage system. Only use product in well-ventilated areas. Do not inhale spray fog. Avoid any release of the product into the environment. Obtain special instructions/refer to safety data sheet.

Water pollution classification

WGK 1, according to VwVwS.

Product code

M-LL01.

Comply with the specifications in the current safety data sheet.

Spray data

Technique	Jet bore mm/inch	Jet angle	Pressure bar	Thinning	Cross- spraying
low pressure	1.8 mm			max. 8 % or 5 %	1½
high pressure	1.5 mm		3,5 - 4,0	max. 8 % or 5 %	1½
airless	0,011 - 0,013" 0.28 – 0.33 mm	40° - 80°	approx. 160	max. 5 %	1

Building up the coating

Surface preparation

The substrate must be solid, dry, clean, with good grip, capable of bearing and free of any separating agents. According to BFS leaflet No. 9, the moisture content must not exceed 15 % in the case of dimensionally accurate and

18 % in the case of dimensionally inaccurate components. Clean resinous and sticky-greasy wood surfaces using thinner 456, provide for proper ventilation. Check existing coats for suitability, carrying capacity and adhesiveness. Remove defective and

inadequate coats and dispose of them according to the applicable regulations. Intact surfaces should be thoroughly rubbed down. Pre-treat the substrate depending on the requirements, apply prime and/or intermediated coat. Also refer to VOB Part C, DIN 18 363, Par. 3.

Exterior paint coats on wood

Substrates	Prime coat ¹⁾	Intermediate coat	Finish coat
untreated, dimensionally accurate wooden components (windows and doors)	Impredur Primer 835	Impredur Primer 835	Impredur Silk Matt Paint 880
dimensionally accurate wooden components, with intact old paint coat	defective areas with Impredur Primer 835	Impredur Primer 835	

¹⁾ If required by the customer or if necessary due to the type of wood and component, the substrate must be impregnated using Impredur Wood Impregnating Primer before applying the prime coat. If no blue stain protection agent is applied, the surface is to be impregnated with Surface Woodstain 620. Defective areas are also to be treated as mentioned above. Also refer to BFS Leaflet No. 3 and No. 18, Section 7.

Interior coats on wood

Substrates	Prime coat ¹⁾	Intermediate coat	Finish coat
wooden components, wooden materials, untreated	Impredur Primer 835	depending on requirements and selection with Filler Paint Tix 120 or Impredur Primer 835	Impredur Silk Matt Paint 880
wooden components, wooden materials, with intact old paint coat	defective areas with Impredur Primer 835		

¹⁾ Depending on the requirements, Surface Filler 518 can be used in the interior for treating the primed surfaces.

Coats on iron / steel

Substrates	Prime coat ^{1) 2)}	Intermediate coat	Finish coat
iron/steel, in exterior environment, uncoated	depending on requirements, 2x Multi Primer 227 or Metal Primer 850	Impredur Silk Matt Paint 880	Impredur Silk Matt Paint 880
iron/steel, in exterior environment, with factory prime coat	defective areas and whole surface (once) with Metal Primer 850 or Multi Primer 227		
iron / steel, in exterior environment, with intact, bearing old paint coat	defective areas with Metal Primer 850 or Multi Primer 227	depending on requirements and selection, Metal Primer 850 or Impredur Primer 835	
iron/steel, uncoated	depending on requirements Metal Primer 850 or Multi Primer 227	depending on requirements and selection Metal Primer 850, Impredur Primer 835 or Filler Paint Tix 120	
iron / steel, interior, with factory prime coat	defective areas with Metal Primer 850 or Multi Primer 227		
iron / steel, inside, with intact, bearing old paint coat			

¹⁾ Depending on the requirements, Surface Filler 518 can be used in the interior for treating the primed surfaces.

²⁾ In the case of CoilCoating, coating powder and 2-component coats as well as anodized aluminum, we recommend applying a 2C Epoxy Primer coat in any case.

Coats on zinc, galvanized steel, aluminium, hard PVC

Substrates	Prime coat ^{1) 2)}	Intermediate coat	Finish coat
zinc, galvanized components, in exterior environment, uncoated	depending on requirements and selection, 2x 2C Epoxy Primer 855 or 2C Aqua Epoxy Primer 873	Impredur Silk Matt Paint 880	Impredur Silk Matt Paint 880
aluminum, hard PVC, etc., exterior and interior environment, untreated	depending on requirements and selection 2C Aqua Epoxy Primer 873 or 2C Epoxy Primer 855		
zinc, galvanized components, in interior environment, uncoated			
intact, bearing coats, exterior and interior	defective areas, 1 or 2 times with 2C Aqua Epoxy Primer 873 or 2C Epoxy Primer 855	depending on requirements and selection, Metal Primer 850, Impredur Primer 835 or Filler Paint Tix 120 (interior only)	

¹⁾ Depending on the requirements, Surface Filler 518 can be used in the interior for treating the primed surfaces.

²⁾ In the case of CoilCoating, coating powder and 2-component coats as well as anodized aluminum, we recommend applying a 2C Epoxy Primer coat in any case.

Notes
No inner furniture surfaces

The inner surfaces of furniture and cupboards should not be painted with alkyl resin paints because of possible odour built up.

Initial gloss

For technical reasons, the relatively high initial gloss is reduced after a couple of days as a result of the curing process.

Abrasion in case of mechanical strain

In the case of intensive and dark colors, mechanical stress can cause pigment abrasion on the coat surface. This is state-of-the-art and shall not give rise to complaints.

Large-surface applications in the interior

For large-surface applications in the interior (e.g. on ceiling and wall surfaces), we recommend using waterborne paint systems due to the typical smell of solvent-based alkyd resin paints, e.g. Hydro-PU-Tec Silk Matt Paint 2088 or Hydro-PU-Tec High Gloss Paint 2084. If you have any questions, please contact the Brillux consulting service.

In the case of CoilCoating, powder paint and anodized aluminum, note

In the case of CoilCoating, coating powder and 2-component coats as well as anodized aluminum, we recommend applying a 2C Epoxy Primer coat in any case.

Rub down surfaces

We recommend grinding of the surfaces between the individual work steps. Grinding is required if a "varnish-on-varnish" structure is used.

Design with brilliant or intensive colors

Brilliant, pure intensive colors, e.g. yellow, orange, red, magenta and yellow-green have little covering capacity due to their pigment nature. In the case of critical colors, we recommend to apply a well-covering base coat on the relevant surface in the corresponding base color (Basecode). Additional coats may be required in addition to the normal system build-up.

Further specifications

Note the additional information in the Data Sheets of the products that are to be applied.

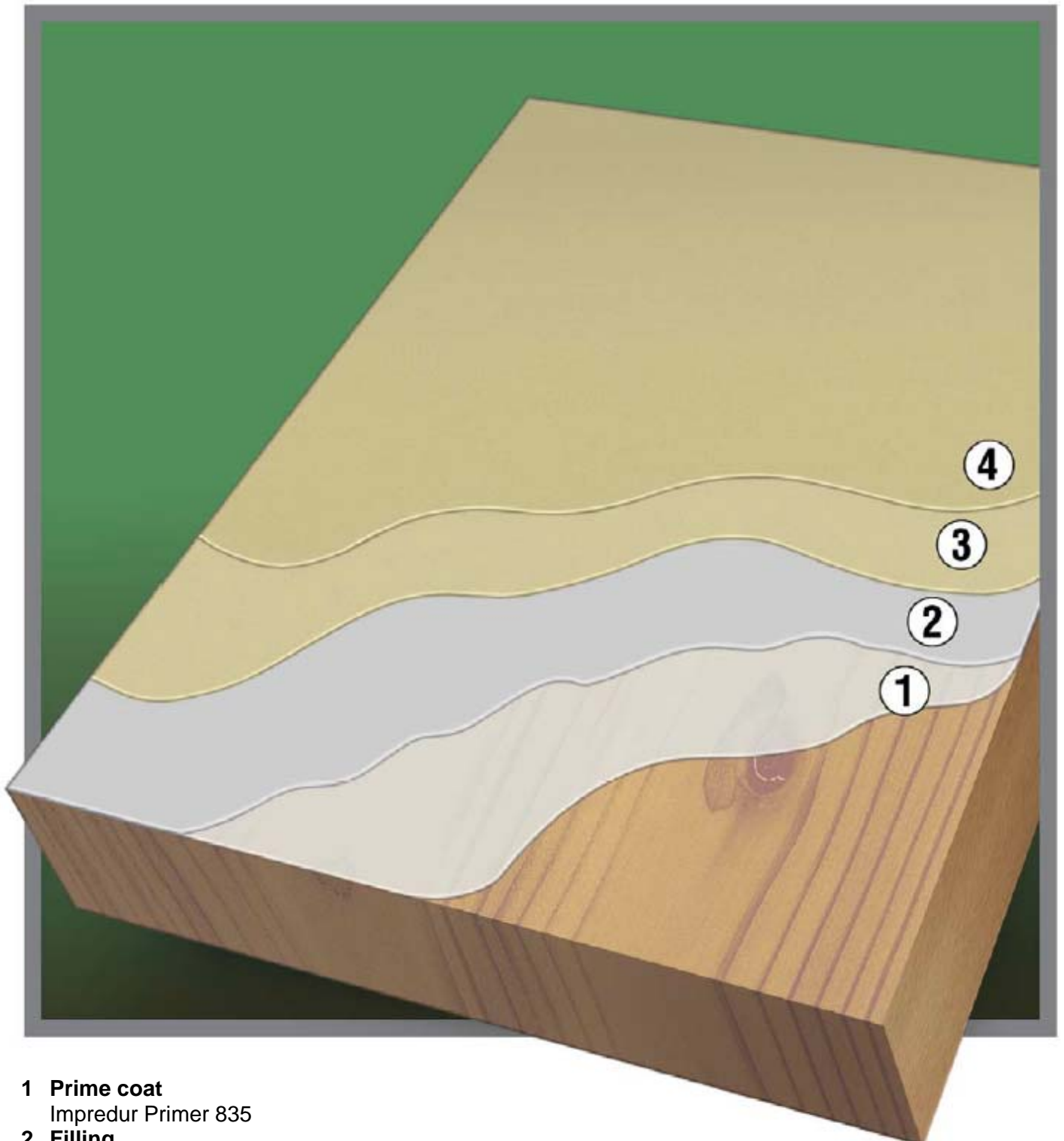
Remark

This Data Sheet was prepared taking into account the German laws, Standards, specifications and Codes of practice. All details were translated on the basis of the current German version. The contents do not form part of a legal contract. The user/purchaser is not released from the responsibility of checking that our products are suitable for the proposed use. In addition our general business conditions apply.

When a new version of this Data Sheet appears with updated information the previous version loses its validity.

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Figure
Paint build-up on untreated wood, interior



- 1 Prime coat**
Impredur Primer 835
- 2 Filling**
Surface Filler 518, whole surface
- 3 Intermediate coat**
Filler Paint Tix 120
- 4 Finish coat**
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