Impredur
High Gloss Paint 840

Impredur Hochglanzlack 840

aromatics-free, mild odor, premium quality, for exterior and interior use

Properties

Premium-quality, aromatics-free, mild-odor alkyd resin varnish. Weather-resistant, high gloss, hardwearing, easy to use and quick-drying. Easy to clean and resistant to normal household cleaning agents. Complies with EN 71-3 Safety of toys : Migration of certain elements.

Field of application

For premium-quality paint coats on prime-coated exterior and interior wood or metal surfaces. e.g. on windows, doors, frames, wooden paneling, railings, furniture and 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: high-gloss
Base Material: Alkyd resin, solvent-based, pigmented
VOC: EU limit for this product (cat. A/d):
300 g/l (2010)
This product contains a max. of 300 g/l VOC.
Flash point: +41 °C
Density: approx. 1.2 g/cm³ (white)
Packaging: see table on page 2

Use

Thinning
Ready for use. Do not thin, otherwise the EU limit according to VOC directive is exceeded.

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 High-Gloss Paint 840 can be applied using a paintbrush or paint roller as well as using the tempered AirCoat spray technique.
For detailed information on the AirCoat spray technique, refer to the table on the next page.

Consumption
Approx. 80 to 100 ml/m² per coat. Determine exact consumption by way of a test application on the object.

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

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

Drying (+20°C, 65% relative humidity)

Dust-dry after approx. 6 hours.
Next coat can be applied after approx. 48 hours.
In the case of lower temperatures and/or higher atmospheric moisture, allow for longer drying time.

Standard colors and container sizes

Scala No.	Designation	125 ml	375 ml	750 ml	3 l	10 l
–	0095 white	●	●	●	●	●
–	0096 old white		●	●	●	●
03.18.18	RAL 1021 rape yellow [1)]	●	●	●	●	●
15.06.30	RAL 8017 chocolate brown	●	●	●	●	●
27.24.27	RAL 3000 fire red [1)]	●	●	●	●	●
54.15.30	RAL 5002 ultramarine blue		●	●	●	
60.18.27	RAL 5010 gentian blue	●	●	●	●	●
75.03.12	RAL 7035 light grey		●	●	●	●
81.09.30	RAL 6005 moss green	●	●	●	●	●
–	9900 black	●	●	●	●	●

Many other colors can be mixed using the Brillux Color System.
Color System Container sizes: 375 ml, 750 ml, 3 l, 10 l.
[1)] With these colors, we recommend applying a fully covering base color (Basecode) in advance.

Spray data

Technique	Nozzle	Intake air	Material pressure	Viscosity	Cross-spraying
AirCoat [1)] material temperature +40°C [2)]	09/40 Air cap red	2 to 2,5 bar	100 to 150 bar	unthinned	½–1

[1)] with Finish 230 AC compact Spraypack 3452, for example
[2)] The flashpoint must be considered. Comply with instructions in the current safety data sheet.

Storage

Cool and dry. Close opened containers tightly.

Declaration

Water pollution class
WGK 1, according to VwVwS.

Product code
M-LL01.

Comply with the specifications in the current safety data sheet.

Coating build-up

Surface preparation
The substrate must be solid, dry, and clean, with good grip, load bearing and free from any separating agents. According to BFS leaflet No. 18, the moisture content must not exceed 15 % in the case of dimensionally accurate and 18 % in the case of dimensionally inaccurate components/structures. Clean resinous and sticky-greasy wood surfaces using Nitro 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. When processing or removing paint coats, harmful dust/vapor may be released, e.g. by rubbing down, burning, etc. This work must only be carried out in well ventilated areas. If necessary use appropriate (breathing) protection equipment. Pre-treat the substrate depending on the requirements, apply prime and/or intermediate coat. Also refer to VOB Part C, DIN 18 363, Par. 3.

Exterior coats on wood

Substrates	Impregnation[1)]	Prime coat [1)]	Intermediate coat	Top coat
dimensionally accurate wooden components/ structures, untreated: windows and doors	Impredur Wood Impregnating Primer 550	Impredur Primer 835	Impredur Primer 835	Impredur High-Gloss Paint 840
dimensionally accurate wooden components/ structures, with intact old paint coat	Impredur Wood Impregnating Primer 550	Defective areas with Impredur Primer 835	Impredur Primer 835	

[1)] Refer to BFS Leaflet No. 18, Section 6 and 7.2.1.

Interior coatings on wooden structures, materials

Substrates	Prime coat [1)]	Intermediate coat	Top coat
wooden components/ structures, wooden materials, untreated	Impredur Primer 835	depending on requirements and selection with Filler Paint Tix 120 or Impredur Primer 835	Impredur High-Gloss Paint 840
wooden components/ structures, 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, for example.

Coatings on iron / steel

<table>
<tr><th>Substrates</th><th>Prime coat [1) 2)]</th><th>Intermediate coat</th><th>Top coat</th></tr>
<tr><td>iron/steel, exterior, untreated</td><td>depending on requirements
Multi Primer 227 (twice) or Adhesion Primer 850</td><td rowspan="2">Impredur
High-Gloss Paint 840</td><td rowspan="6">Impredur
High-Gloss Paint 840</td></tr>
<tr><td>iron / steel, exterior, with factory prime coat</td><td>Defective areas and whole surface with Adhesion Primer 850 or Multi Primer 227</td></tr>
<tr><td>iron / steel, exterior, with intact, bearing old dispersion paint coat</td><td>Defective areas with Metal Primer 850 or Multi Primer 227</td><td>depending on requirements and selection
Adhesion Primer 850 or Impredur Primer 835</td></tr>
<tr><td>iron/steel, interior, untreated</td><td>depending on requirements, Adhesion Primer 850 or Multi Primer 227</td><td rowspan="3">depending on requirements and selection Adhesion Primer 850, Impredur Primer 835 or Filler Paint Tix 120</td></tr>
<tr><td>iron / steel, interior, with factory prime coat</td><td rowspan="2">Defective areas with Adhesion Primer 850 or Multi Primer 227</td></tr>
<tr><td>iron / steel, interior, with intact, bearing old paint coat</td></tr>
</table>

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

[2)] On CoilCoating, powder paint and 2-component coats as well as on anodized aluminum, we recommend as a general rule priming with 2C Epoxy Primer 855.

Coats on zinc, galvanized steel, aluminum, hard PVC

Substrates	Prime coat [1) 2)]	Intermediate coat	Top coat
zinc, galvanized components, exterior, untreated	depending on requirements and selection twice 2C Epoxy Primer 855 or 2C Aqua Epoxy Primer 873	Impredur High-Gloss Paint 840	Impredur High-Gloss Paint 840
zinc, galvanized components, interior, untreated	depending on requirements and selection 2C Epoxy Primer 855 or 2C Aqua Epoxy Primer 873		
aluminum exterior and interior, untreated			
hard PVC exterior and interior, untreated	2C Epoxy Primer 855		
intact, bearing coats, exterior and interior	defective areas, once or twice depending on requirements with 2C Aqua Epoxy Primer 873 or 2C Epoxy Primer 855	depending on requirements and selection, Adhesion 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)] On CoilCoating, powder paint and 2-component coats as well as on anodized aluminum, we recommend as a general rule priming with 2C Epoxy Primer 855.

Notes

Substrate treatment
We recommend sanding the surfaces between the individual work steps. With a “paint-on-paint” application, the surfaces must be rubbed down.

No inner furniture surfaces
The inner surfaces of furniture and cupboards should not be painted with alkyl resin paints because of possible odor built up.

Large-surface applications in the interior
For large-surface applications in the interior (e.g. on ceiling and wall surfaces), we recommend using water-based 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.

Design with brilliant or intensive colors
Brilliant, pure intense color shades, e.g. in the yellow, orange, red, magenta and yellow-green range have a low covering capacity. When using critical shades in these color ranges we recommend applying a fully-covering base coat in the corresponding base color (Basecode). Additional coats may be required in addition to the normal system build-up.

Further specifications
Please note the additional information in the data sheets of the products that are to be applied.

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 appears with updated information the previous version no longer applies.
The current Version of this information sheet can be obtained at Brillux. Version I

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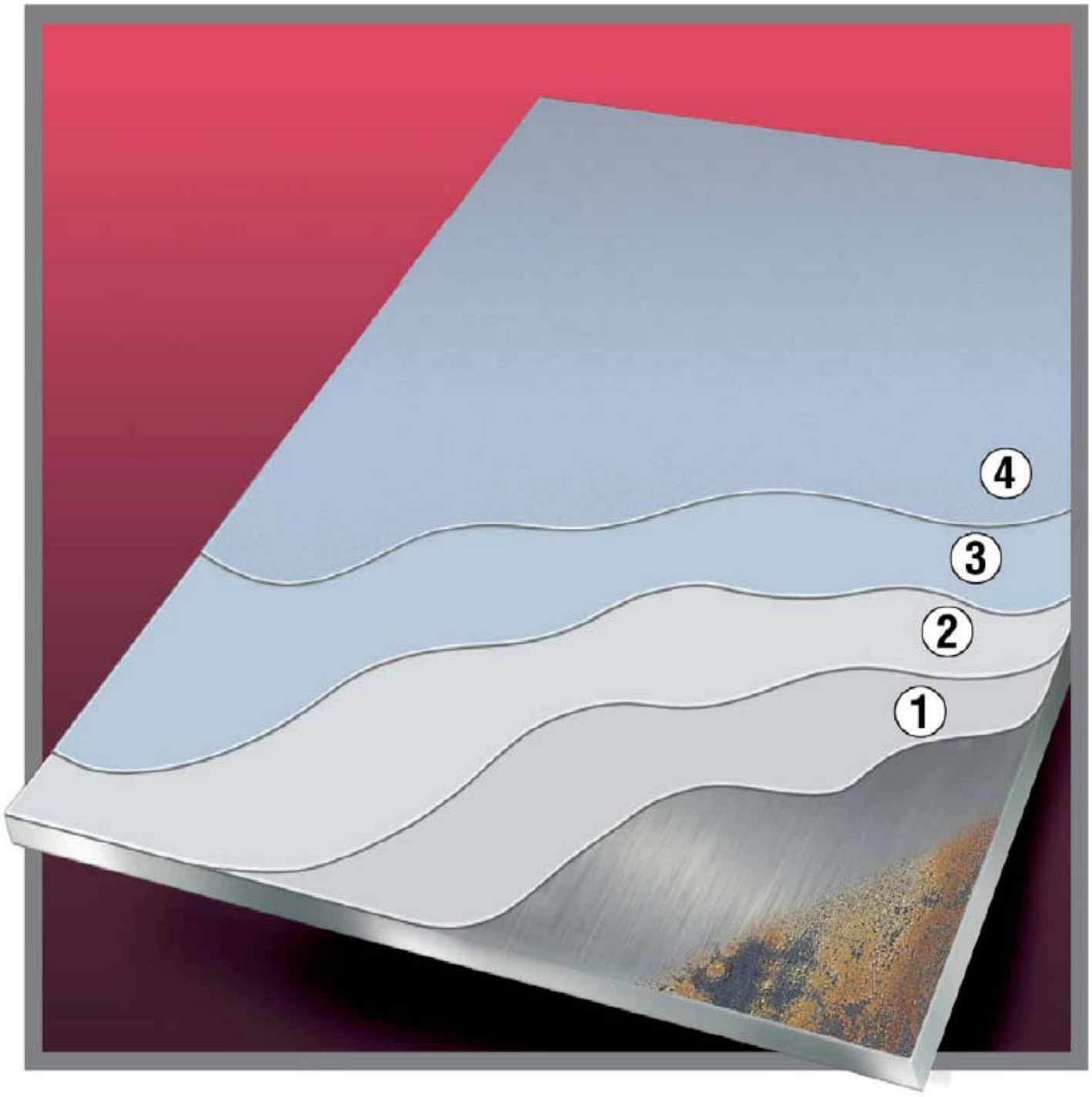
Illustration
Coating build-up on untreated steel, exterior



1 **Prime coat**
Multi Primer 227
2 **Prime coat**
Multi Primer 227
3 **Intermediate coat**
Impredur High-Gloss Paint 840
4 **Top coat**
Impredur High-Gloss Paint 840