

## Impredur Primer 835

aromatics-free, water vapor permeable, for indoors and outdoors



Color System

Base code

### Field of application

Can be used as prime or intermediate coat on hardwood/ softwood structures/ components, e.g. windows, doors, wooden paneling, etc. Can also be used as intermediate coat on primed or coated metal surfaces, provided that the coat is intact, as well as for repairing intact paint coats, for exterior and interior use.

### Properties

- Aromatics-free
- Matt
- Based on alkyd resin
- Excellent filling and hiding power properties
- Water-vapor-permeable
- Moisture-regulating
- Excellent adhesion
- For indoors and outdoors
- Easy to apply
- Optionally available for exterior use in Protect quality (film protection against algal and fungal infestation of the coating)

### Material description

<b>Standard color shades</b>	0095 white. Basecode color shades and a large number of additional color shades can be mixed using the Brillux Color System.
<b>Gloss grade</b>	matt
<b>Base material</b>	alkyd resin, solvent-based, pigmented
<b>VOC</b>	EU limit for this product (cat. A/d): 300 g/l (2010). This product contains a max. of 300 g/l VOC.
<b>Flash point</b>	+41 °C
<b>Density</b>	approx. 1.26 g/cm <sup>3</sup>
<b>Packaging</b>	0095 white: 375 ml, 750 ml, 3 l, 10 l Color system: 750 ml, 3 l, 10 l

## Use

- Thinning** Do not dilute, because this will result in the EU limit value in accordance with the VOC Directive being exceeded.
- Tinting** All colors can be mixed with one another without limitations.
- Compatibility** Only mixable with similar materials and those specified in this Data Sheet.
- Application** Impredur Primer 835 can be applied using the paint brush and roller method and the temperature-controlled AirCoat spray method. Information on the AirCoat spray method is summarized in the table on the next page.
- Consumption** Approx. 80 - 100 ml/m<sup>2</sup> per layer. Determine 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 Thinner AF 631 or Quick-Acting Brush Cleaner 111.

## Spray data

Method	Nozzle	Supply air	Material pressure	Dilution	Cross-spraying
AirCoat/ TempSpray <sup>1) 2)</sup>	09/40 Air cap red	approx. 3,0 bar	100-150 bar	Undiluted	1–1½

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

<sup>1)</sup> e.g. with Finish 230 AC compact Spraypack 3452

<sup>2)</sup> Material temperature +40 °C - The flash point must be taken into consideration. Follow the instructions in the current Safety Data Sheet.

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

Dust dry after approx. 4.5 hours. Recoatable after approx. 16 hours. Allow longer drying times at lower temperatures and/or higher air humidity.

## Storage

Store in a cool and frost-free location. Reseal opened containers tightly.

## Declaration

- Product code** BSL20.  
Comply with the specifications in the current Safety Data Sheet.

<b>Substrate preparation</b>	The substrate must be solid, dry, clean, with good adhesiveness, load-bearing and free from separating agents. In accordance with 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 wooden components. Remove weathered, grayed wood down to the solid wood. The principles of constructive wood protection should be complied with. Check existing coatings for their suitability, load-bearing capacity and adhesive properties. Remove defective and unsuitable coatings thoroughly and dispose of them in accordance with the applicable regulations. Hazardous particles and vapors may be released while reworking on 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 and prime or impregnate the substrate, as required. Also refer to BFS leaflet no. 18, Par. 4 and 5, as well as VOB Part C, DIN 18363, Section 3.
<b>Impregnation</b>	Treat exterior, untreated wooden components with Lignodur Contrabol 550 if required or as may be necessary due to the type of wood. Also refer to BFS Leaflet No. 18, Section 6.
<b>Prime and intermediate coat</b>	Use Impredur Primer 835. Use Impredur Primer 835 in the color shade 0095 white for priming wood that is rich in active substances only; also pay attention to the following note.
<b>Top coat</b>	Depending on component, requirements and selection, coat with alkyd resin or acrylic resin or dispersion paints. Before applying water-based top coats, we recommend thorough intermediate sanding, e.g. with a sanding pad.

### Note

<b>Do not apply to inner surfaces of furniture</b>	Do not paint the inner surfaces of furniture and cabinets with alkyd resin enamel paints due to the potentially unpleasant odor.
<b>Woods rich in active substances</b>	Ensure that the layer thickness is sufficient for the application when using woods rich in active substances to prevent water-soluble substances from penetrating through. Prime twice depending on the wood type and component, as required.
<b>For Coil Coating, powder coating, and anodized aluminum heed the following</b>	We generally recommend priming Coil Coating, powder coating and anodized aluminum with 2K-EP Varioprimer 865 or 2K-EP Varioprimer S 864.
<b>Implementation in brilliant and intense color shades</b>	Brilliant, pure intense color shades, e.g. in the yellow, orange, red, magenta and yellow green spectrum have a lower hiding power as a result of the pigment. For critical color shades, we recommend applying a full-covering base coat in these areas in the corresponding base color shade (Basecode). In addition to the standard coating buildup, additional coats may be required.
<b>Wood-based panels for exterior use</b>	Due to the present state of the art, wood-based panels are only conditionally suited for exterior coating. Also refer to BFS Leaflet No. 18, Paragraph 2.2.3. A coating recommendation can only be provided on a case-by-case basis under consideration of the material type and quality, construction and climatic conditions. Please contact the Brillux Consulting Service, as required.
<b>Further specifications</b>	Follow the instructions on the data sheets of the products used.

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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