



## Induline UV-GW-385

Water-based, transparent, UV-curing primer



Type/Name	Availability	
	Quantity per pallet	22
	<b>Size / Quantity</b>	<b>20 l</b>
	Type of container	Tin bucket
	Container code	20
	<b>Art. no.</b>	
special colours	3881	■
clear UV+	3889	■

### Application rate

100 - 150 ml/m<sup>2</sup> per coat (plus spraying loss)  
(corresponds to wet film thickness: 100 - 150 µm, dry film thickness: 30 - 45 µm)



### Range of use



- For use on interior and exterior wood
- Soft and hard woods
- Dimensionally stable wood building elements: e.g. windows and doors
- Wood building elements with limited dimensional stability: e.g. matchboarding, facade elements
- For use by professionals



### Property profile



- Good pore wetting performance
- Outstanding (wet) adhesion
- UV-curing: very quick handling
- High UV protection thanks to special binder

### Characteristic data of the product

Binder	Urethane acrylate dispersion
Density (20 °C)	Approx. 1.02 g/cm <sup>3</sup>
Viscosity	Approx. 1500 mPa*s
Odour	Characteristic

The values stated represent typical characteristic data of the product and are not to be understood as binding product specifications.

### Possible system products

- [Induline ZW-504i \(3453\)](#)
- [Induline UV-LW-781/20 \(3438\)](#)
- [Induline UV-DW-680/50 \(3970\)](#)

### Preparation

- **Substrate requirements**  
The substrate must be clean, dry, free of dust, grease and loose substances, and prepared in the correct manner.  
Dimensionally stable wood building elements: wood moisture content 11-15%  
Wood building elements with limited or no dimensional stability: wood moisture content max. 18%
- **Substrate preparation**  
If necessary, impregnate non-resistant woods with a wood preservative\* (\*Use biocides safely. Always read the label and product information before use).  
Observe BFS Code of Practice No. 18 "Coatings on Wood and Wooden Working Materials in Outdoor Areas".



### Directions



#### ■ Conditions for use

Temperature of the material, air and substrate: from min. +15 °C to max. +30 °C.

The values given are based on undiluted material. The best spraying pattern is achieved if the material has a temperature of 15-20 °C.

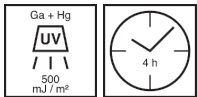
Airless spraying: nozzle size: 0.28-0.33 mm; material pressure: 70-90 bar.

Air-mix spraying: nozzle size: 0.28-0.33 mm; material pressure: 70-90 bar, atomiser air pressure 1-2 bar.

Apply further coatings after drying and UV curing

Seal opened containers well and use contents as soon as possible.

### Tips on use



Check colour, adhesion and compatibility with the substrate by setting up a trial area.

Substances in oak may bleed, causing dark discolouration, when coated with water dilutable dispersion stains.

To prevent any substances in the wood from becoming active, forced drying should be carried out.

The product is not self-crosslinking and must be cured using a suitable UV lamp

Ensure good ventilation.

Observe current standards and guidelines for coating wood building elements outdoors (Codes of Practice issued by the German Association of Window and Facade Manufacturers (VFF), Code of Practice No. 18 issued by the German Federal Committee for Paint and the Protection of Material Assets (BFS), guidelines issued by the German Lacquer and Printing Ink Association (VdL) and ift guidelines issued by the Institut für Fenstertechnik).

#### ■ Drying

Physical drying:

UV curing: after approx. 4 hours (at 23 °C and 50% RH)

UV curing after forced drying: after approx. 20 minutes evaporation zone (at approx. 20 °C and 65 - 75% RH) / 45 minutes drying phase (approx. 45 °C; 1 m/s air circulation)

UV curing:

Lamp types: Ga+Hg

Lamp power: 80-120 watt/cm<sup>2</sup>

Cross-linking energy values:

clear UV+ & light colours

500 - 800 mJ/cm<sup>2</sup>

dark colours

800 - 1000 mJ/cm<sup>2</sup>

Distance between object and lamp: 20-30 cm

These parameters are guide values. Precise parameters are determined on a customer-specific basis.

Can be sanded and overcoated: after 10 minutes cooling phase

#### ■ Thinning

Ready to use

### Application examples

#### Stain for direct exposure to weather:

Induline SW-900 VP 21308 (3768)

Induline UV-GW-385 special colours

Induline ZW-504i clear (3453) / Induline UV-LW-781/20 special colours matt

Induline UV-LW-781/20 special colours matt

### Tools / Cleaning

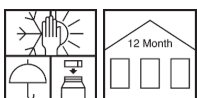


Manual spray gun, automatic spraying equipment

Clean tools with water or Aqua RK-898 Cleaning Concentrate immediately after use.

Ensure that any residue from cleaning is disposed of correctly.

### Storage / Shelf life



If stored unopened in its original container in a cool, dry place and protected against frost, the product will keep for at least 12 months.

Always close the container and protect the contents from sunlight.

### Safety data / Regulations

For further information on the safety aspects of transporting, storing and handling the product and on disposal and environmental matters, please see the current Safety Data Sheet.

### Personal protective equipment

Respiratory protection with a particle filter P2 must be worn during spraying, together with protective goggles. Wear suitable protective gloves and clothing.

### Disposal



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Larger quantities of leftover product should be disposed of in the original containers in accordance with the applicable regulations. Completely empty, clean containers should be recycled. Do not dispose of together with household waste. Do not allow to enter the sewage system. Do not empty into drains.

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VOC content as per the  
"Decopaint" Directive  
(2004/42/EC)

EU limit value for the product (Cat. A/e): max. 130 g/l (2010).  
This product contains < 130 g/l VOC.

VOC	
Kat.	A/e
2010:	130g/l
max.:	130g/l

Please note that the data and information given above have been calculated as guidelines in the laboratory and from real-life experience and are therefore not binding as a basic principle.

This information is therefore of a general nature only and describes our products and how they are used and worked with. In this respect, it must be borne in mind that the varied and diverse nature of the

prevailing working conditions, materials used and construction sites encountered means that not every individual case can be covered. In this respect, we therefore recommend either conducting tests or liaising with us in the event of any doubt. Unless we have provided express written assurance of the products' specific suitability or characteristics in respect of a contractually stipulated intended use, any technical application-related advice or instruction will never

be binding, even though it is provided to the best of our knowledge. In all other respects, our general terms and conditions of sale and delivery shall apply.

When a new version of this Technical Data Sheet is published, it shall replace the previous version.