

**ARTICLE:** GIESS-COLORLUX  
**ITEM-NO.:** H 37X  
**SYSTEM:** Solvent-Based, 2C Top Coat



### PRODUCT PROPERTIES

GIESS-COLORLUX H 37X is a clear, solvent-based, 2C top coat and is characterised by:

- very high mechanical resistance
- very high light stability
- flame-retardant effect
- very high transparency

### SCOPE OF APPLICATION

Suitable for coating of:

- several solid timbers (Except tropical and ingredient rich woods)
- bleached woods and smoked oak
- veneered substrates
- flame retardant veneered substrates
- surfaces coated with JORA-COLOR JC 150, JOCOPHEN-base coat H 2010, HIGH-SOLID-base coat H 4500 or ACRYPUR-base coat H 23100

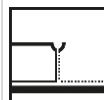


The product is well suited for the application on:

- furniture surfaces

### TECHNICAL DATA

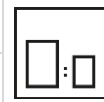
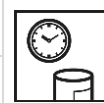

- Colour: transparent
- Gloss level:
  - H 371: glossy
  - H 373: semi-matt
  - H 375: matt
  - H 376: deep matt
  - H 376-S2: super-matt
  - H 377: special matt
- Viscosity: 29-32 s DIN 53211/ 4mm
- Density: approx. 0,923 g/cm<sup>3</sup>

### APPLICATION

|   |   |   |
|---|---|---|
|  |  |  |
| Application quantity (g/m <sup>2</sup> )  | 100 - 140   |   |
| Quantity of applied layers  | 1-2   |   |
| Jet nozzle (mm)   | 1,5 - 1,8   | 0,28 - 0,33   |
| Air pressure (bar)  | 2,0 - 3,0   | 1,0 - 2,0   |
| Material pressure (bar)   |   | 100 - 120   |

### DRYING

### HARDENER, THINNER, RETARDER

|   |        |   |          |   |
|---|--------|---|----------|---|
| Dust-dry after  | 30 min |  | Hardener | 10:1 by volume with hardener H 132                        |
| Sandable after  | 2-3 h  |   | Pot life | with hardener H 132: 48 h (shortens at high temperatures) |
| Overcoatable after  | 4 h    |  | Thinner  | If necessary: V 2244                                      |
| Stackable after   | 15 h   |   | Retarder | If necessary: V 19 add max.: 5 %                          |
| Completely dried after  | 15 h   |  |          |   |
| Cured after   | 7 d    |   |          |   |
| ( at 20 °C and 35-65 % relative humidity and depending on the applied quantity) |        |   |          |   |

Item No.: H 37X

## STORAGE



Store material in a tightly closed container and under dry and cool conditions. Protect from frost.

### Shelf life:

H 37X: 12 months

Hardener H 132: 6 months

(when stored in the original unopened containers)

## CLEANING



Clean tools immediately after use with

- Nitro-Thinner V 1415 or
- DD-Thinner V 2244 or
- UNI-WASHING SOLVENT V 803

## SPECIAL GUIDANCE

- Stir well before using!
- Hardener and lacquer must be thoroughly mixed!
- The substrates which should be coated have to be conditioned 12 hours before coating.
- It is recommended to perform preliminary trials to test the suitability of the coating system with the desired substrate.
- The surfaces have to be perfectly sanded, dry, free of grease, oil and silicones before the application.
- High humidity and a moisture content above 10% must be avoided at all costs. High humidity leads to longer drying times. The indicated times depend on the application quantity, the room temperature and the relative humidity.
- Protect the containers from drying out and always close them tightly immediately after removing the material.
- Solvent-based products are flammable, also during processing and drying.
- Bleached wood must dry for 36 hours after bleaching with hydrogen peroxide/salmiac.

## TESTING STANDARDS

- H 37X in combination with JC 150 may be used indoors as a coating for flame-retardant particle boards and flame-retardant veneered particle boards (fulfils class DIN 4102-B1).
- EN 71, part 3 free of extractable heavy metals
- DIN 53160 resistant to saliva and perspiration
- DIN-68861-1B chemical resistance
- PVC-resistant
- free of formaldehyde

### Safety guidance:

The information in this technical data sheet is based on the current knowledge and experience of PLANTAG Coatings GmbH. The product processor is not exempted from its own testing and testing of the products with regard to the intended use as well as the wealth of possible influences during processing and application. Existing laws and regulations are to be observed by the recipient of our products in their own responsibility. Labeling in accordance with the Ordinance on Hazardous Substances and Transport Law can be found in the safety data sheet. A legally binding assurance of certain properties or suitability for a specific purpose cannot be derived from our information. Recommendations deviating from the information in our technical data sheets are only binding for us if they have been confirmed in writing. Our terms and conditions are an integral part of this technical information sheet [Jan-23]

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