

Characteristics

High build, with good covering properties, quick-drying and easy to sand two-component polyurethane-acrylic spray filler with good adhesion – also on a difficult base.

Application areas

Undercoat for indoor furniture of all kinds and component parts made of wood or wood derivatives for subsequent closed-pore finishing with CLOUCRYL Coloured Finishing Lacquer.

Use/Application

Application methods:	Spray gun	Airmix
Spray nozzle (mm):	2.0–2.5	0.33–0.41
Spraying pressure (bar):	2.5–3.5	60–150
Quantity (g/m ²):	200–300	200–300
Coverage (m ² /Litre):	3	3

Technical Data

Mixing ratio:	10:1 volume parts CLOUCRYL Hardener
Pot life at 20 °C:	8 hours
Dilution:	DD-Thinner No. 29
Working viscosity:	~ 60 sec / DIN 4mm
Viscosity:	~ 26 sec / DIN 6mm
Density (g/cm ³):	1.250

Drying

(at 20 °C and 50% relative humidity)

dust dry:	30 minutes
recoatable:	6 hours
stackable:	2 days

Cleaning

Clean tools immediately after use with DD thinner No. 29 or CLOU® cleaning thinner.

Storage/Disposal

Store in well sealed original containers in a cool place protected from frost. Leftover product must undergo special treatment in compliance with the official regulations. Recommended waste code according to the European waste directory: 08 01 11 (the final determination must be coordinated through the regional waste utility).
Can be stored for 3 years in sealed original containers.

Safety precautions

Do not drain into the ground water or sewage system. CLOUCRYL hardener and Spray Filler mixed with hardener contain isocyanine, which can irritate and sensitise the skin and respiratory tract or cause allergic reactions. Provide a constant supply of fresh air during and after application. Do not inhale vapours. Use appropriate protective breathing equipment if there is insufficient ventilation. People suffering from allergies or susceptible to respiratory tract complaints should not be allowed to work with these coating products.

Special Instructions

Apply CLOUCRYL Coloured Finishing Lacquer immediately after sanding smooth the last coating of Spray Filler.

Test Standards

After finishing with CLOUCRYL Coloured Finishing Lacquer the following test standards are fulfilled:
DIN 68861-1B (chemical resistance)
Complies with the requirements of § 35 Foodstuffs and Commodities Act (previously DIN 53160 resistance to saliva and perspiration).

Ordering information

Product codes:	
CLOUCRYL Spray Filler white	200.17789
CLOUCRYL Spray Filler black	201.15615
CLOUCRYL-Hardener	1909.00000
DD-Thinner No. 29	29.00000



Preparation

The surface must be firm, sustainable, dry, clean and free from dirt, oil and grease. Sustainable old layers can be sanded (150 grit), non-sustainable ones must be completely removed.

Absorbent surfaces (such as solid wood, MDF-panels, hard fibre boards, foil coated chip boards), should be sealed by applying one coat of CLOUCRYL Gloss or CLOUCRYL Filler Primer.

Coloured or highly resinous woods (e.g. pine) as well as wood surfaces with dark inlets should firstly be well sealed with the priming mixture CLOU DD-Lacquer 28, in order to avoid wood extractives bleeding later on.

Melamine resin coated wooden work pieces should be well sanded.

Using/Application

(Surface temperature > 15 °C, wood humidity 8–12 %)

Before preparing the mixture, stir the Spray Filler thoroughly and shake the hardener well. Dose the hardener carefully to obtain optimum fullness and sanding properties.

Mixture:

100 Volume parts (l)	CLOUCRYL Spray Filler
10 Volume parts (l)	CLOUCRYL-Hardener
as required	DD-Thinner No. 29

Firstly, thoroughly mix together the Spray Filler and Hardener components in a clean vessel. An even mixing of both components must be ensured. Then blend in the thinner just as carefully.

Apply the prepared Spray Filler 2-3 times onto the appropriately prepared surface. Fine pore woods normally require 1-2 coats. Freshly coated items should be placed to ensure quick drying (good air circulation).

Hardening

(at 20 °C and 50% relative humidity)

After a drying time of at least 6 hours (preferably over night), before applying the next coat sand with 240/280 grit and remove all dust, in order to obtain a flawless adhesion of the individual lacquer layers to each other.

After the last application of Spray Filler allow to dry over night. The longer the drying time, the better the staying power of the entire lacquer structure.

Final coating

Immediately after sanding the last Spray Filler coating (240-400 grit, graded), apply the desired coat of CLOUCRYL Coloured Finishing Lacquer. For further information refer to the technical data "CLOUCRYL Finishing Lacquer".

Special instructions

Sanding must always take place just before applying the next Filler or Lacquer coating.