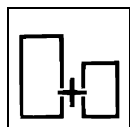
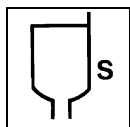
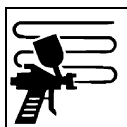




# LH157 (YD157) HYDROCRYL 1K


1000 ml +  
120-170 ml

32-38" FC 4  
at 20° C

Ø1.2-1,4 mm  
4 Atm

N° of coats: 2-3


Air drying at 20° C  
Handling: 30-40 min.  
Through-drying: 24 h  
Low bake at 60° C  
60 min.


+ 5° – +35°C

## DESCRIPTION

One-pack water-borne acrylic topcoat for rapid drying glossy finishes.

## USE

Suitable for painting industrial manufactured items in general.

## CHARACTERISTICS

- Easy to apply
- Good aesthetical aspect
- Good mechanical characteristics
- Fast drying
- Satisfactory direct adhesion on steel (it does not contain any active anticorrosive pigments, anticorrosive power due to barrier effect), cast iron
- Low V.O.C.

## SUBSTRATE PREPARATION

**Micro-sandblasted steel and cast iron:** Degreasing with 00695 SILICONE REMOVER SLOW.

Apply on substrates primed with LH101 HYDRO PRIMER 1K HP in order to improve the anticorrosive resistance.

## APPLICATION

Spraying.

**Mixing ratio:**

|                                                | weight    | volume     |
|------------------------------------------------|-----------|------------|
| LH157 HYDROCRYL 1K (derived from binder YD157) | 1000 g    | 1000 ml    |
| 00089 DESALTED WATER                           | 100-150 g | 120-170 ml |

Spray viscosity at 20° C: 32-38" FORD Cup 4

Ø Air cap: conventional : 1,2-1,4 mm

Air pressure: conventional 4 Atm

N° of coats: 2-3

Recommended film thickness: 30-40 µ

Theoretical coverage: 5.2 – 5.9 m² for 1l mixture at 40 µ

Application conditions: temperature 15-30°C relative humidity 30-80%

**DIR 2004/42/CE: Topcoat IIB/d – VOC ready for use 420 g/l**

**This product ready for use contains at most 270 g/l VOC (without water)**

**DIR 2004/42/CE : Interior/exterior trim and cladding paints of wood, metal –**  
**EU limit value for this products (cat. d/BA): 130 g/l (2010) of VOC product ready for use**

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#### **DRYING TIME**

**Air drying at 20° C:**

Dust-free: 15-20 min.

Handling: 30-40 min.

Through-drying: 24 h

**Low bake at 60°C:**

60 min.

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#### **OBSERVATIONS**

**KEEP AWAY FROM FROST.** Storage temperature: +5° - +35 °C.

It is possible to mix the binder YD157 HYDROCRYL 1K with the corresponding matt binder YD158 HYDROCRYL 1K MATT to adjust the gloss level.

**For manufactured items exposed outside in the Architectural field use colours available in “Manufacturer” => Architectural of Lechler MAP® Software.**

**For all other colours contact the Technical Assistance.**

**Avoid application on manufactured items to be placed in especially aggressive and contaminated environments such as marine and industrial.**

**TECHNICAL DATA SHEET N° 0541-GB**

**UPDATED 07/2019**

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