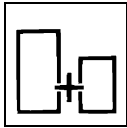
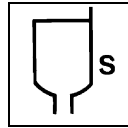


LS158 (29158) ACRYL 1K MATT



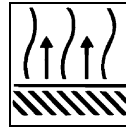
1000 ml +
350-600 ml



18-20" DIN 4
at 20° C



Ø 1.4 mm
4 Atm
N° of coats: 2



Air drying at 20° C:
Handling: 10 min.
Through-drying: 4 hours
Low bake at 60° C:
20 min.

DESCRIPTION

One-pack acrylic enamel for matt finishes.

USE

Suitable for painting industrial manufactured items and in particular for painting directly onto PVC, ABS and rigid polystyrene (PS).

CHARACTERISTICS

- Easy application
- Fast air drying
- Excellent appearance
- Very good direct adhesion to PVC and ABS
- Direct adhesion on PS (no foam polystyrene) if diluted with specific thinner (00587 PS THINNER).
- Direct adhesion on methacrylate (Plexiglas), only after preliminary tests.

SUBSTRATE PREPARATION

ABS/PVC/PS: degrease carefully with 00617 PLASTIC CLEANER.

Steel and industrial manufactured items: apply in D/D and W/W system on epoxy, epoxy-vinyl, epoxy-acryl and synthetic primers from the Lechsys range (except LS103 (29103) that gives an unstable adhesion to the topcoat overapplying).

APPLICATION

Spray application.

Mixing ratio:

LS158 ACRYL 1K MATT (derived from binder 29158)

00824 (Slow)-00825 (Standard) LECHSYS UNIVERSAL THINNERS or

00587 PS THINNER *

* specific thinner for direct adhesion on PS

weight and volume

1000 parts

350-450 parts

500-600 parts

Spray viscosity at 20 °C: 18-20" DIN 4

Recommended spray temperature: above 5°C under 30°C

Ø Air cap: 1,4 mm

Air pressure: 4 Atm

Number of coats: 2

Suggested film thickness: 30-40 µ

Theoretical coverage: 1kg mixture = 7 m² at 40 μ
1 l mixture = 7,5 m² at 40 μ
V.O.C. (on average) of the product ready for use: ~ 650 g/l

DRYING TIME

Air drying at 20°C

Dust-free: 5-7 min.

Handling: 10 min.

Through-drying: 4 h

Low bake at 60°C:

20 min.

OBSERVATIONS

Mixed 1:1 with 29152-29153 and catalysed at 10% with 29342 LECHSYS ISOLACK ESP HARDENER, this product adheres directly on polymethyl methacrylate (Plexiglass).

29158 mixed with **29132** can be used to paint flexible PVC tarpaulins of commercial vehicles in mixing ratio from 4:1 to 2:1 dependent on the type of flex PVC. It is necessary to always carry out preliminary tests in order to verify that the substrate is tack-free after some hours from the application.

N.B.: it is recommended to mix the product immediately after adding the base coats.

Colour formulations containing base colours 29044 and 29046 must be **ONLY** used on paint substrates **NOT** directly exposed to sunlight.

In case of substrates exposed to sunlight, use alternative formulations (High Resistance or Ecological Formulations) available on Lechler Explorer.

The use of UV Plus Additive 33333 (up to 5% in the topcoat) allows you to further improve resistance to sunlight.

TECHNICAL DATA SHEET N° 0463-GB

UPDATED 01/2016

All information contained in this data sheet is the result of carefully controlled tests and is correct to the best of Lechler's knowledge at the time of issue. Since conditions of use are beyond the control of the manufacturer, information contained herein is without warranty, implied or otherwise, and final determination of the suitability of any information or material for the use contemplated and the manner of use is the sole responsibility of the user. FOR PROFESSIONAL USE ONLY.