

Technical Data Sheet

QUL6283/00 LIQUID LENS

Supersedes previous issue dated 03.27.2017

DATE 06/05/2018

QUL6283/00 is a two components, transparent, epoxy product, for indoor use. It features high transparency, no shrinkage and low yellowing.

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|-----------------------------|---|
| Color | Clear |
| Method of use | Casting |
| Mixing procedure, by weight | Part A, QUL6283/00 100 Part B, QHL6284/00 30 |
| Pot Life (at 20°C) | 5 – 6 hours |

Technical characteristics

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|---------------------------|------|
| Solid content (%) | 100 |
| Specific gravity (kg/l) | 1,13 |
| Shelf life (months) | 12 |

General characteristics

| | |
|--------------------------|----------|
| Max. thickness suggested | 20 mm |
| Touch dry (at 20°C) | 72 hours |
| Complete dry time | 7 days |

Special instructions

Once added the part B it is suggested to stir very well by spatula for at least 3 – 5 minutes.

We suggest to not use a mechanical stirrer in order to not stabilize foam.

In order to destroy the air bubbles on the surface you can blow it with warm air by means of a common hair dryer.

The better defoaming effect can be achieved by carrying out the curing under vacuum into an autoclave.

If necessary, after curing it is possible to polish the surface. Otherwise it is possible to sand the surface and then apply a transparent top coat, acrylic or PU.

We suggest to use molds made of non-stick plastic materials such as polypropylene or polyethylene. As alternative it is advisable the pretreatment of the mold with a coat of releasing agent.

It is advisable not to exceed the indicated maximum thickness of 20 mm in order to avoid excessive heating of the mass.

For greater thicknesses, it is better to do several successive casting at intervals of at least 48 hours from each other.

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WARNING: ACTUAL VISCOSITY OF SOME PIGMENTED AND/OR THIXOTROPIC PRODUCTS MAY DIFFER FROM THE VISCOSITY SHOWN ON THE TECHNICAL DATA SHEET. DIFFERENCES ARE TO BE REGARDED AS ACCEPTABLE IF WITHIN 30% MAXIMUM.

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MANAGEMENT SYSTEM
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Sherwin-Williams Italy S.r.l. – con unico socio
Via del Fiffo, 12 - 40065 Pianoro (BO) - Italia - C.P. 18
tel. +39 051 770 511 - fax +39 051 777 437
www.sayerlack.com
Cod. Fisc. e Reg. Impr. Bo 08866930152
P. IVA: IT 00494251200 - R.E.A. n. 313180
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Heating above 50 - 60 ° C can cause yellowing of the catalyzed mass, this will be even more evident when the temperature reached has been higher.

Transport and store at temperature higher than 25°C: The product may crystalize at low temperatures becoming opalescent. In this case you have to warm it to 50 - 60°C until becomes perfectly transparent. The resin alone is free of hot yellowing.

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