

## ENGUARD® SA // ADLA6 Gelcoat for Sanitary Ware

ENGUARD SA // ADLA 6 gelcoat is a high quality sanitary gelcoat, based on isophthalic acid and neopentyl glycol. The base resin and the gelcoat formula are optimized to give final products a hard, strong and glossy surface with good hydrolysis resistance.

### Typical liquid gelcoat properties

Properties at 23 °C	Value	Unit	Method
Viscosity Brookfield RV4, 100 rpm	1 600	mPas	QC 2
Viscosity Brookfield RV4, 0,5 rpm	160 000	mPas	QC 2
Film cure time, 2,0% MEKP-50	50	min	X.Inst.GC03

### Application and use

ENGUARD SA // ADLA 6 is a high quality gelcoat for spray application. Due to its good mechanical properties and good hydrolysis resistance, ENGUARD SA // ADLA 6 gelcoat is suitable for use in sanitary applications like wash bassins, bath tubs, shower cabins etc... where a scratch resistant, hard and glossy surface is important.

To achieve the best final surface properties it is recommended to apply a cured gelcoat thickness of 400 - 700 microns.

It is important to remember that gelcoat quality is only one of the significant aspects in terms of osmosis due to poor resistance to hydrolysis. The following also influence the water resistance of laminated articles:

- gelcoat thickness
- quality and dosing accuracy of catalyst (good final cure)
- gelcoat surface quality (porosity)
- time lapse before lamination
- lamination quality (materials and operational methods)

### Certificates and approvals

The manufacturing, quality control and distribution of products, by Ashland Composite Polymers, are complying with one or more of the following programs or standards: Responsible Care, ISO 9001, ISO 14001 and OHSAS 18001 by BVQI.

### Handling and storage

ENGUARD SA // ADLA 6 gelcoat is delivered in pails, open top drums or containers.

For good working practices, see Ashland "Gelcoat Handling Guide".

Maximum storage of gelcoat is 3 months at temperature under 25°C away from direct sunlight. The gelcoat must be gently stirred before use. Temperature of workshop, raw materials and tools should be 18 - 25°C and relative humidity below 80%. A high quality MEKP catalyst should be used between 1,5 - 2,5 %.



Responsible Care\*

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Ashland requests that the user reads, understands and complies with the information contained herein and the current Material Safety Data Sheet.



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