

## ENGUARD® GE // S\_ Gelcoat (INSTINT) with selected geltime

ENGUARD GE // S\_ gelcoat is a high quality multipurpose gelcoat, based on isophthalic polyester resin. The base resin and the gelcoat formula are optimized to give final products good mechanical properties and good hydrolysis and weathering resistance.

### Typical liquid gelcoat properties

Property at 23 °C	Value	Unit	Method
Viscosity, Brookfield RV4, 10 rpm	6000	mPas	L002
Viscosity, cone & plate	230	mPas	L004
Geltime, 2% MEKP-50			
ENGUARD GE // SA	8	min	L005
ENGUARD GE // SB	13	min	L005
ENGUARD GE // SC	18	min	L005
ENGUARD GE // SD	22	min	L005

### Application and use

ENGUARD GE // S\_ is a pre-accelerated, multipurpose gelcoat for spray application. Due to its good mechanical and weatherability properties, ENGUARD GE // S\_ gelcoat is suitable for use in a variety of products in the building and construction, transportation and marine industry.

Thickness of cured gelcoat layer can vary between 400-800 microns, depending on final product manufactured.

### Certificates and approvals

ENGUARD GE // S\_ gelcoat complies with the requirements set by Lloyd's Register for construction of small crafts.

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

### Handling and storage

For good handling and working practices, see Ashland "Gelcoat Handling Guide". It is highly recommended that all materials are stored at stable temperature under 25 °C preferably indoors, and away from direct sunlight. A high quality methyl ethyl ketone peroxide (MEKP) catalyst should be used between 1.5 - 2.5%. The gelcoat with the catalyst must be gently stirred before taken in use.

Shelf life of ENGUARD GE // S\_ is 5 months.

Prolonged storage or storage outside of recommended conditions can influence gelcoat liquid properties like viscosity and gel time and it is recommended to test these properties before starting application.



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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