

725-S07-14 Polyurethane Putty

Product Description

A three-component solvent-free polyurethane putty.

Excellent flexibility and adhesion, fast drying, easy to polish.

Intended Uses

Designed for wind turbine blade. As a putty for repairing the surface defects on epoxy or polyester based FRP wind turbine blade.

Product Information

Volume Solids	≥98%	
Finish/Sheen	No applicable	
Film Thickness	Consultation	
Mix ratio	Part A : Part B = 3.2:1~3.3:1 (Volume) 5.5:1~5.7:1 (mass) , Part C: 0.4-0.6% by total weight.	
Thinner	Not recommended. Use 725-NX-701 thinner only in exceptional circumstances (mass 5%)	
Cleaner	725-NX-701	
Induction Period	Not necessary	
Flash Point	Part A	Not available
	Part B	Higher than 100°C
	Part C	Higher than 31°C
	Mixed paint	Not available

Method of Application

Knife

Drying Information				
	5°C	15°C	25°C	35°C
Touch Dry	110min	85min	30min	20min
Hard Dry	4h	3h	1h	0.6h
Pot Life with Part C	5min	4min	3min	2min
Pot Life without Part C	25h	24h	10h	8h

Overcoating Data	Substrate Temperature							
	5℃		15℃		25℃		35℃	
	Min	Max	Min	Max	Min	Max	Min	Max
725-S06-15	4h	20d	3h	14d	2h	10d	1.5h	7d
Pack Size								
Part A	10kg/5L in 10L container							
Part B	1.8kg/1.5L in 2L container							
Part C	0.4kg/0.4L in 0.5L container							

Storage

Store in well ventilated and dry conditions when temperature is -10℃~40℃ and RH is less than 90%. Keep away from hot and fire. Shelf Life: 12 months minimum at 25℃. Subject to re-inspection thereafter.

Systems and Compatibility

Consult your Representative for the systems best suited for the surfaces to be protected.

Surface Preparation

Clean dust, grease, water droplets and other pollutants. Using pneumatic grinding tools or manual with 120 sandpaper to clean up blade surface thoroughly. Grinding is required before any recoating.

Curing condition

The suitable temperature for applying 725-S07-14 is 5~35℃.

According to the ratio of mass ratio A: B = 5.6:1, pour the B component into the A component, stir well and stand aside for use. Take out appropriate amount of A-B mixed putty, add in the total weight of the mixed putty about 0.4%~0.6% of the Part C, stir evenly and immediately scrape.

Limitations

The dry time and overcoating interval may change according to the environment factors. Forbid to trample or pollute the surface of 725-WS52-16 and coat the next paint before the film is hard dry.

Duty statement

The data in the sheet base on the information from the laboratory and practice. The application may exceed the control, so we only ensure our product quality. We own the right of the data sheet modification without informing.

The version takes the place of the previous version

The Technical Data Sheet (TDS) is recommended to be used in conjunction with the Safety Data Sheet (SDS) and the Application Guide (AG) for this product.