



KCC 'HYPERUREA BR385A' is two components; pure polyurea resin based repair coating material that is a hand mixable product. 'HYPERUREA BR385A' is a 100% solids elastomeric polyurea, volatile free, odorless system applied 1:1 ratio with putty knife.

Recommended use	As a repair coating for polyurea membrane, concrete sealing
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Physical Properties

Finish and Color	Gloss, Colors are available on request		
Specific gravity	Mixed : Approx. 1.05 (kg/L)		
Solids by volume	Approx. 100%.		
Spreading rate (Theoretical)	2.0 kg/m ² in 2 mm dry film thickness on a smooth surface.		
PHYSICAL PROPERTIES	Properties	Unit	Result
	Hardness	Shore A	> 80 (ASTM D 2240)
	Tensile strength	N/mm ²	> 5 (ASTM D 412)
	Elongation	%	> 200% (ASTM D 412)
	Open Time	min	< 30 min.

Application details

Surface preparation	Do not apply coating unless concrete has cured at least 28 days at 20°C/68°F and below 80% RH or equivalent. Moisture content of the surface must be below 8%. The surface should be free of laitance. This can be accomplished by finishing technique, abrasive blasting, grinding, etc.
Preceding coat	Concrete substrate : SPORTHANE PRIMER or according to specification. Non-ferrous metal substrate : KOREPOX PRIMER EP1730 or according to specification
Method of application	Use putty knife or according to specification.
Mixing	Base(PTA) : Curing Agent(PTB) = 1 : 1(by volume).
Thinning	Do not dilute
Application conditions	Do not apply when the temperature is less than 5°C/41°F, and relative humidity is above 80%. The surface temperatures must be at least 3°C (5°F) above dew point to prevent condensation.
Film thickness	Recommended per coat 2- 3 mm dry
Drying time	Tack Free : 8 ~ 15 seconds.
Subsequent Coat	SPORTHANE HIGH HARD LAYER TOP COAT (EXTERIOR) or according to specification.
Recoating interval	5 ~ 48 Hours (at room temperature)

Storage and package	
Shelf life	BASE (PTA) : 6 months CURING AGENT (PTB) : 12 months
Storage	* Store in cool, dry, well-ventilated place.
Packing Unit	Base(PTA) : Curing Agent(PTB) = 4 L : 4 L
Remarks	
Note	Do not store at temperature below 5°C/41°F or above 40°C/104°F Keep away from sparks, flames, direct sun light, rainwater and snow. The surface is not tacky from rain and snow, SPORTHANE PRIMER should be applied prior to application. Actual paint consumption can be changed depending on the site condition. Use adequate ventilation. Avoid contact with skin and eyes, and prolonged breathing of solvent vapors. In case of contact, wash with organic solvent and followed by soap and water cleaning. Respiratory protection is recommended when applying this product in confined spaces or stagnant air. Clean equipment with organic solvent immediately after use. If you have any questions about products or you want to know safety information, you can get the technical datasheets and MSDS on our Internet Homepage (www.kccworld.co.kr) Or ask the customer's service.
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Revision	

Disclaimer : The information in this data sheet is believed to the best of our knowledge based on laboratory test and practical experience. However, there are many factors affecting the performance of product and the product quality itself, so we are not able to guarantee without the confirmation of the purpose of using the product from us in writing. We reserve the right to change the data without notice and you should check that this data sheet is current prior to using the product.

