



SUPERDECK H-290LC is a special paint with a spray coating system with Urea and Urethane bonds in the molecule. It is a hybrid polyurea type paint that has excellent impact resistance, cold resistance, water resistance, chemical resistance, durability, anticorrosive property, adhesion and abrasion resistance.

Usage

Concrete building Roof and wall waterproof coating
Repair and reinforcement of concrete structures (structures with vibration and cracks) Coating

Application Procedure

Procedure	<ol style="list-style-type: none"> 1. Surface treatment The recommended primer and the intermediate coated surface should be clean to prevent moisture, oil, dust, and other foreign matter. 2. Weather condition <ol style="list-style-type: none"> 1) Ambient temperature: -5 to 50 °C 2) Surface temperature: -5 to 50 °C 3) Relative humidity: 80% or less 4) Surface water content: less than 6% 5) The surface temperature should be at least 3 °C above the dew point temperature to prevent condensation. 3. Spray equipment Graco HPE-10, E-10, EXP-2, HXP-3
Caution for usage	<ol style="list-style-type: none"> 1. Avoid painting on rainy days, high humidity (80% or more), low temperature (-5 °C or lower), etc. has exist) 2. Before using this product, stir thoroughly with a motorized dissolver in the <Part B> with the color. Colors may appear differently due to sedimentation of the toner. 3. Proper primer coating should be done according to the type of substrate. 4. Based on normal temperature (25 °C), after curing for 7 days, it can be expected to complete physical property.
Caution for handling	<ol style="list-style-type: none"> 1. Store the product in a dry, cool place at room temperature (5 ~ 35 °C) away from fire and direct sunlight. Keep container tightly closed with the injection port facing upward. 2. Dispose of the waste paint through a waste disposal company designated by the Ministry of Environment. 3. Please use this product within the storage period. If the product has been stored for a long period of time, please contact our T.S.C (Customer Service Center.)
Warning	Please refer to the warning in the appendix.
Application system	<ol style="list-style-type: none"> 1. Primer : SUPERDECK 100, SUPERDECK 110, 2. Intermediate 1 : SUPERDECK 170, SUPERDECK 180, SPEEDDECK 102PLUS 3. Intermediate 2 : SUPERDECK H-290LC 4. Top coat : SUPERDECK 300 (If necessary)

Physical Data

Finish	Semi gross	Color	Each color
Applied over	Concrete, Steel, Urethane foam	Components	2
Volume Solid	Approximately 99%	Recommended Coverage	2.2 kg/m ² (D.F.T : 2mm) * Consider Loss and surface condition.
Coats	1~2		
Dry times(25°C)	Dry touch : Within 60 seconds Initial Drying : less than 20 minutes	Recoatible(25°C)	3 ~ 24hr
Hardness (Shore A)	90±10	Tensile strength (N / mm²)	16±3
Tear strength (N / mm)	70±15	Elongation (%)	450±100
Packing Unit	<A>: 220Kg, 19.5Kg : 200Kg, 18Kg	Shelf Life	6 months (When stored indoors at 5~35°C)

The information given in this document is based on laboratory tests and on-site application results, but may vary depending on quality improvement and work conditions.