

URETAHNE WATERPROOF MASTER 355

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Urethane Waterproof Master 355, mainly composed of aliphatic urethane resin, is an elastic floor coating that provides non-slip quality that is suitable for floor decorating as well as coating for architectural surfaces. It is a soft touch, anti-abrasion coating with superior adhesion for a beautiful finish.

Usage

Top coat for Urethane Waterproof Master

Application Procedure

Procedure	<ol style="list-style-type: none">1. Surface Preparation Prepare the surface free from any loose cement, dust, Oil, moisture and other contaminants.2. Environmental conditions<ol style="list-style-type: none">1) Air temperature: 5~35°C2) Surface temperature: up to 40°C3) Relative humidity: up to 80%4) The surface temperature must be at least 3°C above the dew point to prevent moisture condensation.3. Application Equipment Air spray, brush and roller
Caution for Usage	<ol style="list-style-type: none">1) Avoid applying paint on rainy days, high humidity (over 80%), low temperature (below 5 °C), and high temperature (over 40 °C surface temperature). (Coating film crack, adhesion failure, bubble generation may occur)2) Allow the surface to dry thoroughly. (Relative humidity 80% or less at 25 °C, curing for more than 28 days)3) Completely remove Laitance, dust, oil and other contaminants on the surface of the substrate (sand blasting, DIAMOND WHEEL GRINDING or 10% HCL pickling)4) In case of high strength concrete (260 kgf / m^2 or more), it may cause defective adhesion during grinding process. Therefore, perform surface treatment by blasting method and check the adhesion performance.5) Suitable pH value of substrate surface is 7 ~ 9 (Parallel water content less than 6%).6) After filling the gap, grooves, cracks, etc. with epoxy putty after V-CUTTING, polish and apply after surface treatment.7) V-CUTTING the edges of the contact area with the wall.8) Use masking tape to prevent contamination outside the coating area.9) Do not use the product by heating or mixing with other paint.10) Please keep the recommended coating interval for repainting time.11) Consider that the actual requirements may vary depending on the substrate condition, coating method and coating conditions.12) In particular, thinner containing alcohol (epoxy thinner, lacquer thinner) is not dried and never use.13) Please use recommended thinner as diluent. Avoid excessive dilution as it affects flow phenomenon, workability, general properties.14) If you do not paint primer, air bubbles may occur.15) The curing agent reacts with the moisture in the atmosphere and hardens. Keep the curing agent left in the cool and dark place immediately after use.16) Mixed paints should be used within pot life.17) Do not use a paint that exceeds the pot life because its spreadability is poor and the appearance of the coating film becomes poor.18) Please use this product within the validity period because it may be deteriorated since this product is a chemical product.

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Caution for handling	<ol style="list-style-type: none"> 1) Do not use any other purpose. 2) Keep out of reach of infants and children. Do not apply to infants, children's equipment or food storage containers. 3) Since this product is a flammable material, avoid access to direct sunlight and fire when transporting, storing and handling, and store in a dry, cold place at room temperature (5 ~ 35 °C). 4) Please keep this product container sealed so that the injection port faces upward. 5) Avoid skin contact and odor inhalation by wearing protective equipment such as respirator mask, protective gloves, goggles, etc. during work. 6) Be careful that the paint does not come into contact with eyes, skin, 7) If paint comes in contact with eyes and skin, wash thoroughly with running water and seek medical attention. 8) If inhaled or ingested, seek medical advice immediately and follow the medical advice given in the container. 9) Avoid work in a confined space, and if you unintentionally paint, ventilate it thoroughly with exhaust system before working. 10) The remaining amount of paint after use may cause dry film or stagnation. Please use the full amount immediately after opening. 11) When storing the cloth with flammable materials, there is a risk of spontaneous ignition, so be sure to dispose of it in a nonflammable container. 12) Dispose of the waste paint through the waste disposal company designated by the Ministry of Environment. 13) For other inquiries, please contact our Customer Service Center or refer to the Material Safety Data Sheet (GHS-MSDS), Technical Data, and Coating Specifications published on the website.
Warning	Please consult our enclosed here with warning notice.
Application Systems	Primer : Urethane Waterproof Master 100 Intermediate : Urethane Waterproof Master 200 Top coat : Urethane Waterproof Master 355

Physical data

Finish	Glossy	Colors	Green, Grey, Etc
Volume Solid	45±3%	Compenents	2
Coats	1~2	Recommended Film thickness	45µm
Mix-ratio(vol)	A part : B part = 2 : 1	Recommended Coverage	10.7m ² /L (@ D.F.T. 45µm)Allow for application losses and surface irregularities.
Diluent	Urethane1000 Thinner		
Packing Unit	16L	Diluent Ratio	Within 10%(Paint volume ratio)
Shelf Life	12months(When stored indoors at 5~35°C)		

	10°C	20°C	30°C
Dry to touch(min)	40	20	10
Cured time(hours)	16	12	8
Dry time(day)	3	2	2
Pot life(hour)	8	5	3
Recoating time(hour)	48~72	24~48	24~48

※ Presented the technical data are changeable according to quality improvements or working conditions because they were acquired from the results of the laboratory tests and the scene of application