



HYGIGARD® AC-101

Single component water borne modified Acrylic hygiene coating

PRODUCT DESCRIPTION:

HYGIGARD® AC-101 is a water borne single pack chemically resistant hygiene waterproofing coating for masonry and concrete above or below ground. Used internally on concrete, HYGIGARD® AC-101 provides a damp proof membrane.

USES:

HYGIGARD® AC-101 creates a seamless, protective anti-bacterial and decorative coating on internal wall and ceiling where controlled environment, sterile and dust free conditions are required. These areas include hospitals, pharmaceutical production rooms, food and drink processing/production area, computer suits, electronics production, hotels and shopping malls.

BENEFITS:

- White Matt finish also with different colours.
- Suitable for interior concrete & screed floors and walls.
- Excellent adhesion and durability, and is suitable for a variety of uses in addition to DPM.
- Resistant to weak inorganic acids & alkalis, detergents, lubricating oils and salt solutions.
- Not flammable.
- Application equipment can be washed in water.
- Adheres to damp surfaces.

TECHNICAL DETAILS:

Product	One Component Water based Acrylic Coating
Elongation	150%
Pot Life	60 minutes
Touch Dry	4 hours
Packing	1, 5, 10 and 20 Kg
Coverage	7-8 m ² /Kg
Suitable Primer	HygiGard AC-101 Primer

APPLICATION DATA:



MULTICHEM GROUP | 1, Kirtida Bungalow, Nahur Stn. Road, Bhandup (E), Mumbai-400042,

Phone No.: 91-22-25669137, 25664890, e-mail: info@multichemgroup.net

www.multichemgroup.net

HYGIGARD AC-101/2019/R0-2019

Ambient Conditions for Application

Dry conditions

Minimum Temperature: 10 °C

Relative humidity: Max. 80%

Do not apply if the air temperature is below 10 °C.

Preparation of Surfaces

Surfaces to be coated should be clean, dry, and free of dust, dirt, grease and any loose material, free from ascending humidity and with good coherent strength. The moisture content of the substrate should be less than 12%. **HYGIGARD® AC-101** may be applied to most mineral surfaces including old concrete tiles and glass. In the case of poly-concrete, curing compounds have to be removed by sand or grit blasting. On new concrete or non-porous concrete, remove cement grout by sand or grit blasting. Use an acid cleaner to remove laitance and salts, and then wash off. Make good any surface defects, defective mortar joints and structural cracks. Porous substrates should be impregnated with **HYGIGARD® AC-101 primer** diluted with 10 to 20% water. Never apply **HYGIGARD® AC-101** over a softer coating or substrate. All defective or poorly bonded coatings must be removed.

A small area should always be tested to ensure adhesion and compatibility.

Crack Repair/Honeycombed Concrete Repair

Clean all cracks with wire brush and water. Make sure that all loose particles or loose concrete are removed till the depth of sound surface.

Prepare repair mortar by mixing Crackfix with water. Fill completely the cracks with trowel and level the surface. Similarly cleansed honeycombed surface should be filled with above prepared mix to get leveled surface.

Allow repaired surface to dry for 24 hours.

Application of Coating

It is always advised to damp the surface before applying **HYGIGARD® AC-101 products** to the substrate. Apply the product by spray, brush or roller, such that



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surface is coated evenly. Second coat, if required, should be applied when first coat is touch dry.

CLEANING:

All tools should be cleaned with water immediately after use.

STORAGE:

Store in dry, frost-free conditions at moderate temperatures not greater than 25 °C.

WARRANTY

Multichem warrants HYGIGARD® AC-101 to be free from manufacturing defects as defined in this warranty. Manufacturing defects are considered to be those defects that occur due to the quality of the ingredients or from the manufacturing process itself. This warranty does not include labor costs and other costs or expenses associated with the removal or installation of HYGIGARD® AC-101.

Because the Multichem does not perform the actual installation, it cannot be held responsible for the results of the application. Multichem specifically disclaims problems that occur due to weather conditions, structural movement, structural design flaws and application techniques.

This warranty is in lieu of all other warranties expressed or implied including the warranty of merchantability and fitness of purpose and of all other obligations or liabilities on Multichem part. Multichem neither assumes nor authorizes any person to assume for Multichem any liability in connection with the sale and installation of HYGIGARD® AC-101.

Because of constant improvement of manufacturing techniques and formulations, Company reserves rights to change this datasheet and its contents without prior notice.



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