

# Acrylic transparent liquid applied membrane

## YHCoat-908

### Description

YHCoat-908 is made from an acrylic emulsion with premium additives. It can completely isolate the intrusion of visible water into the wall and effectively solve various wall leakage problems.

### Features & Benefits

- Excellent weatherability and UV resistance
- Sag resistance
- Easy to apply
- Strong adhesion to most substrates
- Non-toxic and environmentally friendly

### Uses

- Exterior wall
- Parapet
- Window sill
- Concrete, mortar, brick walls and old painted walls
- Sealing joints, laps and screws on various roofs



### Packing and Specifications

Item	Description
Packaging	4 kg/pail, 20 kg/pail
Composition	Acrylic emulsion
Shelf Life	Within 12 months from the date of manufacture
Color	Transparent

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## Typical Properties and Characteristic

Description	Test Methods	Values
Tensile Strength	ASTM D412-16	4.09 MPa
Elongation at Break	ASTM D412-16	417%
Tensile Bond Strength	BS EN 1542	1.98 MPa
Tear Strength	ASTM D624	14.01 kN/m
Crack Bridging Ability	EN 14891	2.69 mm
UV Exposure (Xenon Arc Lamps) - Exposure for 720 hours	BS EN ISO 16474	No visual change was observed

## Application Information

Ambient air temperature	10 °C- 35 °C
Substrate temperature	10 °C- 35 °C
Materials Consumption	0.4-0.6 kg/m <sup>2</sup> /coat
Surface drying time	2-3 hours (depending on ambient conditions)
Complete drying time	24 hours

## Application Instructions

### Substrate Treatment

Ensure that the substrate material is firm, clean, dry and free from contaminants such as dirt, oil, grease, old paint and loose materials.

If the substrate is porous, it needs to be strengthened. Before application, if efflorescence or whitening occurs on the substrate in the application area, it is necessary to remove surface substances with a wire brush before painting.

Before waterproof application, the substrate must be dry and free of accumulated water.

### Application

For a porous substrate, YHCoat-908 can be diluted by 10% and applied as a primer. The next process can be carried out after it is completely dry. Apply YHCoat-908 with brush or roller for the first coat. Apply YHCoat-908 for the second coat after the first

coat is dry.

Cracks or holes larger than 1 mm in the application area shall be repaired prior to application of YHCoat-908.

When applying the second coat, the cross-bonded method shall be adopted, which involves coating perpendicular to the direction of the first application to avoid any missed areas.

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### Cleaning Equipment

All tools and application equipment shall be cleaned with water immediately after use. Once hardened, it can only be removed by mechanical means.

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## Transportation & Storage

This product shall be stored in a cool and dry place. Insulation measures shall be taken when the temperature is lower than 5°C. The normal storage condition is 5°C~35°C.

This product is made of non-flammable and non-explosive material and may be transported as a general cargo. During transportation, measures shall be taken to prevent rain, sunlight and freezing, avoid squeezing and collision, and keep the package intact.

## Basis of Product Data

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## Ecology, Health and Safety

Users shall refer to the latest Material Safety Data Sheet (MSDS) containing physical, ecological, toxicological and other safety-related data for information and advice on safe handling, storage and disposal of chemicals.

## Local Restrictions

The performance of this product may vary from country to country due to specific local regulations. For an exact description of the field of application, please refer to your local Product Data Sheet.

## Legal Notes

This information, especially the recommendations related to the application and final use of Oriental Yuhong's products, is provided based on Oriental Yuhong's current knowledge and experience of the products when stored, handled, and applied properly in accordance with Oriental Yuhong's recommendations under normal conditions. In practice, the differences in materials, substrates, and actual site conditions make it impossible

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