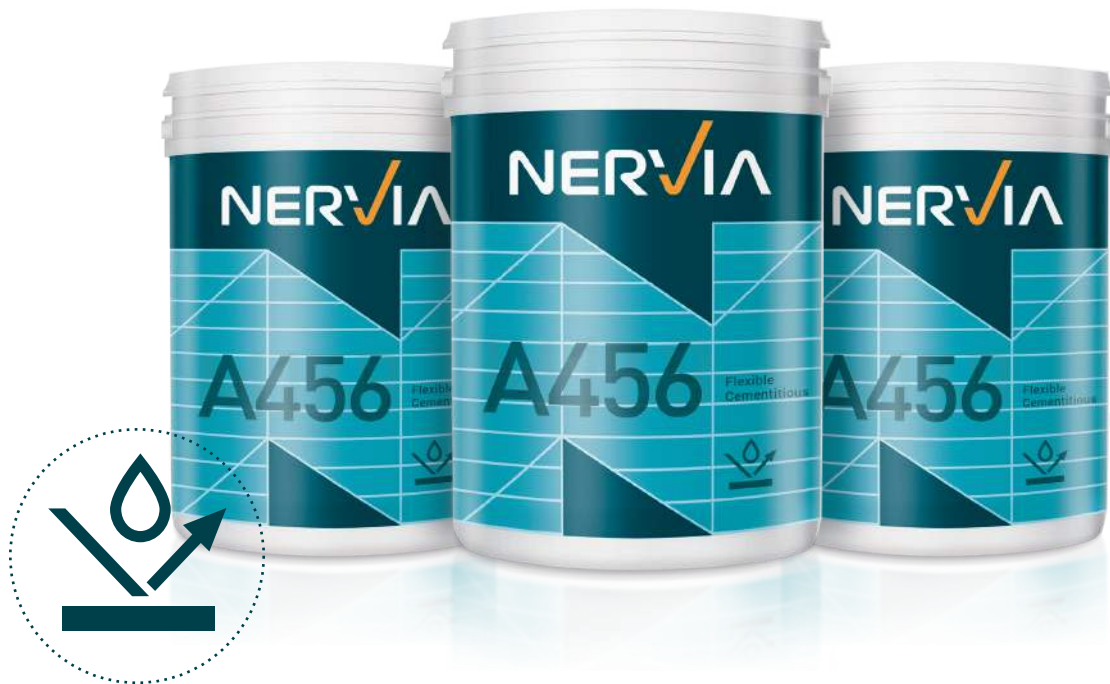


A456 Waterproofing Coating



Introduction

A456 is a water-based ready mixed formulated coating designed to provide a dense, waterproof barrier for vertical and horizontal concrete and masonry surface. This versatile coating has super adhesion qualities when apply to deck, basement, toilet, kitchen, retaining wall, brick, cinder and concrete block, plaster, ... and also help to protect the corrugated sheet from rusted. It resists weather, peeling, delimitation and ultraviolet (UV).

Characteristic

- Eco friendly with VOC free.
- Ready mixed low-odor water-based formula.
- With air-permeability that can be applied in wet circumstance.
- Easy application with brush or roller for DIY.
- High tensile film, elongation (>500%) with excellence waterproofing protection.

Use

Recommend uses: waterproofing maintenance projects such as swimming pool, balcony, toilet, wall, kitchen, rooftop, underground, ... or rusty metal sheet needs to be fixed.

Application

- New concrete must be cured for at least 28 days prior to coating.
- The concrete surface must be clean and free from dirt, impurities, moss, or any material that may impair the adhesion of the coating. If necessary, use a steel scrubber or high-pressure washer to clean the surface. If cleaning by machine, the surface must be completely dry before coating.
- Moisten the substrate surface with water, make sure there is no ponding water on the surface.
- For the primer, mix A456 with 50-100% water, mix well. Ensure that any unsettled pigment is well dispersed.
- Allow the 2nd layer (Intermediate) to dry approximately 4 hours (depending on the weather conditions), then apply the 3rd layer (Top coating), it can be applied crosswise between coats to ensure even application.
- Allow 24 hours drying time before water contact.

For Anti-Rust function: apply 1 layer of A456 (no water added) on the metal sheet surface

Swimming Pool Construction Step

- Clean up and level the construction surface.
- Brush the A456 one time on the surface
- Put the A411 (Polyester Fabric) on top
- Apply A456 two times on the surface
- After apply the 3rd coat of A456, before it dried, quickly scatted the sand on A456 and then stick the tiles on the materials

CONSUMPTION

Primer: 0.2 kg/ m²

Intermediate: 1 kg/m²

Top coating: 0.3~0.5 kg/m²

- Approximately: 1.5 - 1.7 kg/m²
- Approximately usage for anti-rust: 0.5-1kg/m²

Storage Condition

- To store in dry shaded conditions. High temperature and humidity may reduce shelf life.
- A456 can be kept for 12 months from date of manufacture, when product is being used, a complete seal is necessary.

Test Data

Color	Black, White, Gray	
Viscosity	6500 ± 500cps	
Solid Contents	55.0% ± 5.0%	
Elongation (%)	560	
Tensile Strength (kgf/cm ²)	35	
Tear Strength (kgf/cm)	20.9	
Water Resistance (38°C, 24h)	No peeling, blistering or discoloration by visual appearance	
VOC (g/L)	Pass	
Adhesion Strength (kgf/cm ²)	39.8	
Water Absorption (23°C, 24h, %)	6.73	
Alkali Resistance (10% Na ₂ CO ₃ , 23°C, 72h)	No abnormality	
Weather Resistance (UV, 24h)	No blistering, no peeling	
Dry Time at 25°C and 50% Relative Humidity	Touch	3 hours
	Recoat	4 hours
	Full Cure	4~5 hours



The data and information presented in this technical data sheet are in accordance with the present state of our knowledge. All information is provided merely as guidance and reference. CHUEN HUAH CHEMICAL CO., LTD reserves the right to alter the specification within the scope of technical progress and new developments. The user is obligated to ensure the appropriateness and completeness of the information in relation to specific application.

Nervia Indonesia

Rukan Artha Gading Niaga, Jakarta Utara

Hotline : +62 815-1026-3764

Email : info@nervia.co.id