



DESCRIPTION

High performance vinyl silk emulsion with exceptional hiding power and durability. Formulated with acrylic copolymers and pigmented with chalk resistant titanium dioxide and fade resistant colored pigments. Nova 4000 has excellent resistance to chalking, weathering, alkali and salt laden air.

RECOMMENDED USE

Recommended for use on interior and exterior surfaces of residences, schools, hospitals, factories, offices and hotels. May be used on concrete, stucco, brick masonry surfaces and even on properly primed metallic or wooden substrates.

SURFACE PREPARATION

Surfaces must be clean and sound. Employ adequate methods to remove dirt, dust, oil and all other contaminants that could interfere with adhesion.

Allow surfaces to cure sufficiently before application of paint system.

MIXING

Power mix to achieve homogeneous appearance. Avoid excessive air entrapment.

THINNING

Thin with no more than 1/2 liter of water per gallon for brush or roller application and no more than 1 liter for spray. Stir well before use

APPLICATION

Apply by brush, roller or spray. Nylon brushes are preferred. All surfaces should be dry clean and free of grease, oil, dirt and other foreign substances.

Previously painted surfaces should be slightly dulled by sanding and dusting. All loose painted should be removed. Prime substrate with UNICHEM / Novaseal®, or other primer as recommended by UNICHEM Technical department.

DRYING TIME

Touch dry surface	30 min
Top coat	3 hours
Full cure	7 days at 24°C and 50% RH

TECHNICAL INFORMATION

Color	Variable
Finish	Silk
Solids by volume	35% ± 2%
Dry Film Thickness	25 µ
Condition in container JS-31/2010	Good
Appearance JS-31/2010	Good
Consistency JS-31/2010	Good
Application property JS-31/2010	Good
Flexibility at 6.0mm JS-31/2010	Pass
Drying time (min) JS-31/2010	45
Fitness of grind (µm) BS EN 1524	25
Non volatile content (%) JS-	73.9
Heat Resistance JS-31/2010	Pass
Water Resistance JS-31/2010	Pass
Water Washability Resistance (Cycle) JS-31/2010	> 10000
Resistance to Ca(OH) ₂ JS-	Pass
Freeze-Thaw resistance @ -3°C JS-	Pass
Gloss at 60°(unit gloss) JS-	40

APPLICATION CONDITIONS

Min. Temperature 5°C

Max. Temperature 39°C

Relative Humidity 85%

THEORETICAL COVERAGE

The coverage rate is around 14.0 m²/L at 25μ thick-

SHELF LIFE

12 months when stored properly in unopened container in dry conditions at 10 - 25°C.

CLEANUP

Tools and equipment can be cleaned with Clean with water

PACKAGING

NOVA 4000 is available in 3.6 Liter and 18 Liter Kit.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. Use with adequate ventilation and use a respirator when levels are above applicable limits.

Avoid contact with skin and eyes. Close container after each use. Use good hygiene when handling this product

TECHNICAL SUPPORT

Technical assistance is available from the manufacturers trained field representatives.

UPDATED

April 2019

Unichem Product Group

Unichem offers a wide range of industrial coatings, fireproofing and construction chemicals products that are manufactured, which include:

Intumescent coatings

Fire retardants

Industrial floorings.

Steel and industrial coatings

Waterproofing.

Grouts and anchoring

Concrete repairs.

Structural protection.