

#### DESCRIPTION:

100% pure acrylic water-based paint, silky and smooth to the touch. Its manufacturing is based on the unique and distinctive cross-linking technology that gives it superior adhesion and the ability to bridge cracks. It is characterized by easy removal of stains and dirt, washability with soap and water, and flame-retardant properties with excellent resistance to microbes, in addition to... High resistance to chemicals, and includes a formula free of volatile organic substances and harmful chemical compounds, which makes it compatible with the highest global requirements for environmental preservation.

#### CHARACTERISTICS:

- "Time Nova" paint has the following characteristics:
- Environmentally responsible, and prevents the spread of flame
- Remove stains and dirt easily
- Excellent resistance to microbial growth
- High adhesion strength to concrete, cement and brick surfaces
- High color stability
- Formaldehyde free
- APEO-free
- Low volatile organic substances (low odor)

#### RECOMMENDED USE:

It will be used as a final layer in interior applications on concrete, cement, gypsum and clay brick surfaces in elegant, luxurious and high-end areas such as: palaces, hotels, homes, hospitals, residential complexes, halls and all crowded interior areas that require high stain resistance and hygienic properties.

#### PHYSICAL CONSTANTS:

- Appearance and colour: Silky and smooth to the touch, produced in white and according to the approved colors in the Time Paints color catalog.
- Specific gravity: 1.28 at 25°C ASTM D-1475
- Viscosity: 105 Cres units at 25°C ASTM D-562
- Solid size: 40% ASTM D-2697
- Layer thickness: The suggested thickness of the dry layer is 40 microns
- Diffusion rate: The theoretical diffusion rate is 10.50 m<sup>2</sup>/L, at a dry layer thickness of 40 microns.
- Bleeding point: 200 microns, ASTM D-4400
- Water resistance: Pass, 7 days, ASTM D1735-04
- Alkali resistance: Pass, 7 days (1% solution) ASTM D-1308-02
- Salt resistance: Pass, 7 days (1.5% solution) ASTM -1308-02
- Adhesion strength: Pass, ASTM D-3359-04
- Antifreeze stability: Pass, 3 cycles, ASTM D-2243
- Heat stability: pass, 30 days at a temperature of 25°C
- Material value: 1.3 g/L at 280°C

#### DRYING TIME:

- Surface drying: one hour
- Complete dryness: 4 hours
- The time interval between coating two successive layers (minimum) is 8 hours

- Previous results under ASTM D5895 All above results according to ASTM D-5895.

#### APPLICATION TOOLS:

Airless spray gun:

- Suggested nozzle size: (0.015 – 0.019) inches
- Pressure at the nozzle: (15) MPa - (2100) psi
- Spray angle: (40 – 80)°

Pneumatic spray gun:

- Suggested nozzle size: (1.5-1.8)mm

Roller:

- Soft roller (required type: Nardin Decor 8009 - Code: 1093)
- A good and appropriate type of brush

#### THINNER:

Recommended Thinner is " Tap Water".

#### THINNING RATIO:

- (0-10)% when using an air spray gun in the application
  - (15-25)% by volume, when using a spray gun in the application
  - (10-15)% by volume, when using a roller and brush
- It depends on the weather conditions when used

#### CLEANING TOOLS:

Tap Water.

#### APPLICATION GUIDE:

Surface preparation:

- For new concrete, cement and clay brick surfaces
  - All new surfaces need a period of time of no less than 28 days to dry
  - Excesses must be removed by sanding them until a smooth surface is achieved, then the surface is cleaned of dust using a cloth or compressed air.
  - Apply a layer of one of the appropriate primers from Time Paints and leave it until it dries completely
- For previously painted surfaces:
- Remove old paint if it is peeling or peeling
  - Ensure that the surface is free of capers, oils, grease, dust and impurities
  - Filling cracks and small holes with a suitable filler
  - If the old paint is in good condition but shiny and non-porous, it should be roughened lightly
  - You must ensure that the base paint is compatible with the old paint, according to the manufacturer's recommendations
  - Apply two coats of Time Nova

#### PACKING:

US Gallon.

18 Ltr. Drum.

**SHELF LIFE:**

In sealed container: 12 months in dry, cool and well ventilated place.

**SAFETY PRECAUTIONS:**

Please read and follow the health and safety instructions on the packaging as well as the warning instructions in the MSDS for this product

- The product must be handled with caution before and during application
- Contact of the paint with eyes and skin or inhalation of its spray and vapors must be avoided during application
- It is recommended to use the product in well-ventilated places or use artificial ventilation
- The product must be kept out of the reach of children
- Please hand over leftover paint and surplus containers to any approved local entity for the purpose of use or recycling for the sake of environmental safety.

Note: Waste and empty containers are disposed of in accordance with local regulations specified in the Pollution Control and Environmental Protection Laws.