

## Product Data Sheet

### **NewPro-Texx High Performance Surface Coating** **- The Heat, Cold, Moisture Protective and Energy-Saving Coating all in one for Exterior Surfaces**

#### **Product Description**

NewPro-Texx High Performance Surface Coating is a high-quality paint coating for exterior surfaces with its 47% content of microscopic small ceramic balls (bubbles). A few of the essential advantages of these bubbles are their heat, cold and moisture insulation effects.

#### **Range of Application and Use**

NewPro-Texx offers very good adhesive characteristics and is, therefore, can be directly applied to very many different surfaces.

This includes particularly the following:

- Absorbent clinker
- Cement and lime plaster
- Mineral artificial stone
- Paving stone and other floor or ground coverings
- Sand, as well as other natural stone materials.

#### **Your Advantages**

Here is an overview of the essential advantages of NewPro-Texx:

- A 10-year material guarantee from one of our authorized processing companies
- Cost savings through reduced energy consumption
- Easy-to-clean, due to high surface strength
- Environmentally safe, due to an absence of solvents
- High opacity/covering power
- Long-lasting facade protection through an extremely high resistivity against weathering erosion
- Maximum optical appearance – stabile color and high brilliancy
- No embrittlement, due to high UV-resistance
- Resistance against algae, moss and fungal decay
- Very low soiling tendency due to a micro-raw ceramic surface.

#### **Product Characteristics**

Thanks to a active principle of moisture and heat decoupling, a noticeable increase in improvement of heat insulation characteristics and summer heat protection occurs. As a result, the heat and energy input can be greatly reduced. Surfaces coated with NewPro-Texx exhibit an above-average durability.

## Product Characteristics

Further characteristics include:

- Easy application
- Effective on absorbable- and diffusible surfaces moisture regulating
- Fast-drying
- Flame resistant
- Free of allergy triggering gas emissions and solvent content adhesive agents
- High color durability
- High resistance against aggressive environmental influences such as smog and ozone
- permanently reflective
- resistant against UV-rays and wreathing exposure
- Suitable for airless spray (sprayable)
- Variabel diffusion
- very good adhesive characteristics and, therefore, can be directly applied to very many surfaces.

Notice:

A heat loss of up to 25% on masonry can be caused by moisture. Through a fully functional coating of NewPro-Texx, which protects the external walls against wetness, a great amount of energy can be saved.

## Instructions Regarding Use/Application

Surface Preparation:

On water retentive surfaces, in which there is a suspicion of an increased residual moisture, after the first coating with NewPro-Texx it is advisable to wait for any probable water discharge on the building part surface. If there is a water discharge, any further coatings should only applied after the moisture dries. This does not present any defect or deficiency, rather it is the direct result of the effect of NewPro-Texx.

All surfaces should be free of rust, grease, dust, and should be dry and sustainable. Chalk surfaces should be washed. Loose residues (undissolved paints, plaster remains or the like) are to be completely removed.

Priming Coats:

For some surfaces, it may be necessary that a priming coat be applied to the surface prior to the first coating. It is advisable to apply the primer NewPro-Fix from the NewPro product range due to the fact that it is exactly designed to compliment and work with NewPro-Texx High Performance Surface Coating.

It is also possible to use a standard primer, however it is important to make sure that this product is absolutely compatible. The primer, in any case, must not be "surface sealing". The diffusion readiness in this case must be higher than for NewPro-Texx. High Performance Coating.

Mixing Instructions:

NewPro-Texx High Performance Surface Coating can be diluted with up to 5% water.

## Instructions Regarding Use/Application

### Application:

NewPro-Texx High Performance Surface Coating is delivered ready to use. It can be applied using a brush, roll or airless spraying device. NewPro-Texx High Performance Surface Coating is applied in two stages (two coats).

Between the two coatings, depending on weather conditions, there should be a 2-3 hour period of drying. During application and the drying times, the surface and air temperature should not fall below +5° Celsius.

The complete product characteristics of NewPro-Texx High Performance Surface Coating typically appear approximately 36 days after application, as is with coating substances with similar bonding agents.

### Machine/Mechanical Application:

NewPro-Texx High Performance Surface Coating can be applied using a standard airless spraying device. Please pay careful attention to the manufacturer's instructions regarding the use of this device and NewPro's authorization for the use of this device.

### Caution:

Because the application of this product is linked to an UV cross-linked bonding agent, it must be ensured that there is sufficient daylight-UV-radiation. Before beginning work and after longer working breaks, the material must be adequately stirred.

NewPro-Texx High Performance Surface Coating can be used on a wide variety of surfaces. It is still, however, recommended that the user carry out a test to determine the surface for the suitability and stability for the intended purpose.

### Use:

- approximately 300 to 400 ml per 1 m<sup>2</sup> with approximately 0.25 mm layer thickness on smooth, non-absorbent surfaces, and applied with 2 coats.

This is simply a recommended standard, which in end effect can vary depending on the layer of thickness as well as the structure of the surface.

An exact amount of material needed can only be determined by a sample coating on the surface of the object.

## Required Conditions for Use/Application

The application and drying must be effectuated with a minimum surface and air temperature of +5° Celsius.

### Drying Times:

- the humidity should not exceed 80%
- by lower temperatures and/or higher air moisture/humidity, longer drying times are to be expected.

During the drying period, the coated surface must be protected from rain.

### Cleaning of Tools and Working Equipment:

- while still fresh, clean with water and, if necessary, solvents.

After use of an airless-spraying device, also follow the manufacturer's cleaning instructions.

## Form of Delivery

Units per Package:

- 5 or 12.5 liter containers
- 600 Liter carboys for commercial users.

Further bundle sizes are available on request.

Color:

- white as a basic tint
- other colors available upon request.

Please contact us if you have any questions regarding this or if you would like to have any further information.

## Special Notices

Transport:

- Unlabeled and non-hazardous in the original packaging.

Storage:

- cool, frost-free, in original closed package for a shelf life of approximately 1 year.

Disposal:

- Due to the very good environmentally safe biodegradability, the dried material remains can be disposed of in the domestic refuse (pursuant to the corresponding local official laws or regulations)
- Emptied containers or packaging can be recycled.

## Work Hygiene

Before breaks and when finished working with the product, wash hands thoroughly. Do not eat, drink or smoke during use. Avoid eye and skin contact with the product.

For further instructions, cautions or notices, please refer to the product safety data sheets.

## Safety Precautionss

Keep away from children. Keep containers sealed tightly closed. In the event of eye contact, immediately flush eyes out with a lot of water. In the event of skin contact, wash skin thoroughly with soap and water. Do not smoke during application and use.

If swallowed seek immediate medical advice and show the packaging or product label to the treating physician.

For further instructions, cautions or notices, please refer to the product safety data sheet.

## Protective Measures

The general protective measures for water-soluble materials are to be considered.

NewPro - New Products & innovative ideas for Surfaces  
Lutz-Henning Robitzsch  
Ricarda-Huch-Weg 2 D-40789 Monheim a. Rhein  
Phone: +49 (0)2173 964280 Fax: +49 (0)2173 964282  
eMail: [news@newpro.de](mailto:news@newpro.de) Internet: [www.g-pro.com](http://www.g-pro.com)

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### **Protective Measures**

The technical advice regarding the use and application of our products is the result of extensive research and development as well as many years of experience, and is given to the best of our knowledge. The different kinds of requirements of an object/surface, under varying conditions, make it necessary for the user to check the suitability for the intended purpose. We reserve the right to effectuate changes which serve to affect the technical advance or improvement of our product.

For further instructions, cautions or notices, please refer to the product safety data sheet.

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