Technical Data Sheet

PT Hybrid Cream 40

- hydrophobic façade coating -
(high viscous, creamy, medium active substance content)

Product description

PT Hybrid Cream 40 is a high quality, creamy and watery hydrophobization product on base of silane and siloxan with medium active substance content. The active substance content is approx. 40%. After application on absorbend surfaces it leads to a durable hydrophobic (water repellent) surface.

Application areas

PT Hybrid Cream 40 is used as water repellent protection for concrete and steel concrete. In addition every mineral and alkaline surfaces can be treated with PT Hybrid Cream 40. The material penetrates over a long period of time into the surface which effects a water repellent surface. Water will easily repel on the surface, moreover the surface becomes dirt-resistant.

Product advantages

- **Creamy consistancy**
- **Medium active substance content**
- **Excellent penetration**
- **Alkaline resistant**
- **Reduces effectively the chloride absorption**
- **Water vapor permeable**
- **Solvent-free**
- **Easy to apply with a roller or spraying equipment**
- **Long penetration time due to creamy consistence**
- **„Made in Germany“**

Specification

Base	: silane / siloxane emulsion
Color	: white, transparent after penetration
Processing temperature	: +5°C up to + 30°C
Density	: approx. 0.93 g/ml
Consistancy	: creamy
Active substance content	: approx. 40 %
Flashing point	: 63°C (according ISO 3679)
Consumption	: 0.2 – 0.35 kg/m², depend of absorbency of surface

All technical datas are measured in our laboraty.

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Please take notice about the safety information and advice given on the safety data sheets and packaging labels.

Delivery form

10 kg bucket Article-No. 1511010

Storage

12 months (frost-free and dry, +5°C up to +25°C in original packaging).

Application

Surface preparation
The surface has to be stable, solid and dry. Loose components, release agents, formwork oil, grease and other layers which reduces adhesion has to be removed before application of PT Hybrid Cream 40.

The surface must be alkaline and dry, that means the surface should be visable dry and no humid areas should be visable.

Non-absorbent surfaces cannot be treated with PT Hybrid Cream 40. Areas (doors, windows) which does not need to be water repellent have to be protected before the application of the product.

Material
PT Hybrid Cream 40 is developed to penetrate very deep into concrete structures. The effect is often mistaken with the “lotus effect”. But the “lotus effect” is only on the surface and has no protection effect in the substrate over a long term. With PT Hybrid Cream 40 treated concrete increases the water repellent properties after contact with water (rain).

PT Hybrid Cream 40 is used undiluted. The product can be applied with airless devices, brush, roll, trowel or spatula. The material can be applied in one step. Application thickness up to 200 grams in one layer are possible. Depending of the surface the color can be intensified after the application of PT Hybrid Cream 40. To ensure that the result meet the expectations, we recommend to test the product in a sample area first.

In principal the water repellent effect is better as higher the active substanc content is.

Recommended tools
Brush
Roller
Trowel
Airless device
Gloves
Safety glasses

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Application areas:

Remarks

The information given in this technical data sheet corresponds to the current state of development and is based on our experience, our knowledge and is non-binding. An investigation has to be done with focus on the respective building project and the area of application. The technical expert advice of proof-tec employees does not exclude the planning or control by an engineer. We are liable within the scope of our general delivery and sales conditions, we are not liable for the application of our materials. The generally accepted rules of technology must be observed. If necessary, preliminary tests have to be carried out.

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All previous versions of this technical data sheet are not valid anymore and should not be used anymore.