

Primer AC1070 DTM 1K

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Product Description

1070 DTM AC Primer is a **one-component acrylic-based primer** with **exceptionally high adhesion**. The primer is specially developed for **Direct-to-Metal (DTM) applications**, but also adheres excellently to various other substrates. **Due to its fast drying and strong adhesion, the product is ideally suited for projects where reliability and processing speed are required.**

Product Data

Packaging Size	Set Size
5 kg	1-component 5.00 kg
10 kg	1-component 10.00 kg

Appearance Transparent

Shelf Life 12 months after production date when stored at normal temperature. (15°C). See more under *storage*

Product Properties

- High hardness
- Seamless and liquid-tight
- Easy application
- Very deep penetrating
- Water-repellent action
- Can be overcoated with our PU topcoats for extra protection on mineral substrates

Application Areas

- Metal substrates (steel, galvanized steel, stainless steel)
- Pre-treatment for polyurea- and polyaspartic systems
- Industrial floor systems
- Track and infrastructure applications
- Mechanically and dynamically loaded structures

Technical Data

Specific mass (density)	0,98 kg/ dm ³
Mixing Ratio	N.A.
Consumption	50 to max 75 gr/m ² per layer.
Application Time	C20 minutes. *
Dust dry	After 1 hours *
Walkable	After 4 hours *
Overcoatable	After 4 hours*
Fully loadable	3 days
Adhesion strength (n/mm ²)	>1.5
Viscosity (mPa.S)	30 – 50
Solid content	31%

Product Application Conditions

Substrate temperature	Minimum 10°C, maximum 30°C, Optimal 20 °C
Ambient temperature	Minimum 10°C, maximum 30°C, Optimal 20 °C
Substrate moisture content	Moisture < 4%
Relative humidity	Maximum 70% R.H.
Dew point	Minimum 3°C above the dew point.
Attention	These conditions apply to both the application and curing of the product. Ensure sufficient ventilation in the room
Tools	The product should be applied with a spray bottle to distribute and a mop to spread it.

* At normal temperature of 20°C.

Work and environmental protection

Storage and shelf life

Solvent-free. Not flammable: Contains acrylate no hazards.
Not Corrosive.

When processing, wear suitable protective gloves and safety glasses. In liquid form, it is hazardous to the environment, therefore do not allow it to enter drains, open water, or soil. After curing, it is odor-neutral and ecologically and physiologically risk-free.

Disposal of material

Uncured product residues. Do not allow to enter drains, open water, or soil. These uncured components are chemical waste. Cured components are considered construction waste.

The product should be stored dry at temperatures between a minimum of 10 and a maximum of 25 degrees. In this condition, the shelf life for unopened packaging is at least 12 months.