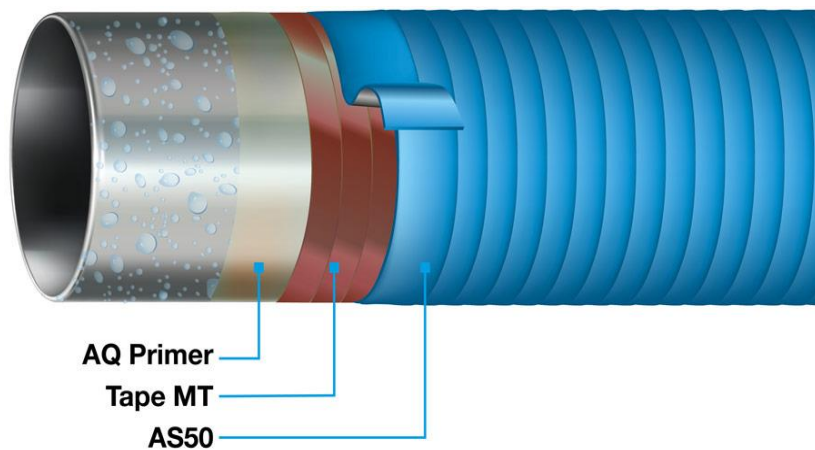


# VivaxCoat®-MT

## Product information



### Special advantages:

- Fulfills class HR und THR in accordance with SG 0130-01 of GRTgaz France.
- Service temperature -40°C to +60°C (-40°F to +140°F).
- Easy application, without special pre-treatment, on moist surfaces.
- Coating of pipes in operation possible.
- Solvent-free.
- Very good resistance against salt containing atmospheres and soils.

## Coating system for a permanent corrosion prevention of steel pipes, armatures in new building and rehabilitation.

DEKOTEC GmbH stands for experience, quality and reliability in the field of corrosion prevention and sealing technology. The success is based on the development of the Petrolatum-Tape which was already developed in 1927 as the first product worldwide for passive corrosion prevention of pipelines. We establish and guarantee the highest quality standards with technically trend-setting products. Research, development and production take place exclusively in Germany. Our employees are continuously implementing safe and individual solutions in a personal cooperation with the customer.

### Description

**VivaxCoat®-MT** is a durable corrosion protection system which has been specifically designed for use on **moist substrates**.

Moist surfaces often pose a particular challenge, particularly for the rehabilitation of old pipeline coatings. The unique combination of a modified, petrolatum-based corrosion protection tape with a PE/butyl rubber tape opens up new and efficient options for pipeline rehabilitation.

Even a **layer of condensation**, which precludes the application of conventional field coating systems, does not prevent **VivaxCoat®-MT** from working effectively.

Such **moist surfaces** can be found, for example, on pipelines that are under load or which are exposed to high humidity.

Pipeline downtimes or long waiting times during the coating work will be prevented and **costs significantly reduced** by using **VivaxCoat®-MT**.

**VivaxCoat®-MT** is especially suitable for permanent corrosion prevention of pipelines installed in the soil, armatures and flanges with permanent operating temperatures up to +60°C (+140°F). The system fulfills the requirements of SG 0130-01 of GRTgaz (France) for the classes HR and THR.

The corrosion prevention system **VivaxCoat®-MT** consists of the coating mastic **PLASTELEN®-AQ Primer**, the corrosion prevention tape **PLASTELEN®-Tape MT** as well as **BUTYLEN-AS50** the mechanical protective tape.

**PLASTELEN®-AQ Primer** permits an easy coating of metallic pipelines and armatures, manually or with a putty knife. A special formulation permits the outstanding wetting even for moist substrates.

**PLASTELEN®-Tape MT** is a corrosion prevention tape that can be easily processed; it is based on petrolatum with a robust inner made from polypropylene nonwoven. Due to its special design, it combines perfectly with the mechanical protective tape.

**BUTYLEN-AS50** creates an extremely resistant mechanical encasement around the corrosion prevention coating. Spirally wrapped, it amalgamates with itself and forms a closed hose. Due to the strong connection between the corrosion prevention tape and the mechanical protective tape, a very compact and stable overall system is achieved.

## Typical product properties

| Property  | Unit            | Typical value                  |                                | Test method |
|---|-----------------|--------------------------------|--------------------------------|-------------|
| Priming-Paste   | -               | PLASTELEN®-AQ-Primer           |                                |             |
| Corrosion prevention tape   | -               | PLASTELEN®-Tape MT (2 Layers)  |                                |             |
| Mechanical protection tape  | -               | BUTYLEN-AS50<br>(2 Layers)     | BUTYLEN-AS50<br>(3 Layers)     |             |
| Service temperature   | °C (°F)         | -40 to +60 (-40 to +140)       |                                | -           |
| Dripping point PLASTELEN®-AQ Primer   | °C (°F)         | >+100 (>+212)                  |                                | ISO 21809-3 |
| Dripping point PLASTELEN®-Tape MT   | °C (°F)         | ca. +80 (ca. +176)             |                                | ISO 21809-3 |
| Thickness (system)  | mm              | ≥ 5,9                          | ≥ 7,0                          | ISO 21809-3 |
| Indentation resistance +23°C (+73,4°F)<br>(Remaining layer thickness) (3 days, 10MPa) | mm              | ≥3,0                           | ≥ 5,0                          | ISO 21809-3 |
| Impact resistance   | J               | ≥15                            | ≥20                            | ISO 21809-3 |
| Specific electrical insulation resistance*<br>RS100<br>RS100/RS70                     | Ωm <sup>2</sup> | >10 <sup>8</sup><br>>0,8       | >10 <sup>8</sup><br>>0,8       | ISO 21809-3 |
| Peel strength on pipe surface<br>+23°C (+73,4°F)                                      | -               | Cohesive separation<br>pattern | Cohesive separation<br>pattern | ISO 21809-3 |
| Peel strength on PE factory coating<br>+23°C (+73,4°F)                                | -               | Cohesive separation<br>pattern | Cohesive separation<br>pattern | ISO 21809-3 |
| Peel strength on steel after thermal aging<br>(28d @+30°C / 86°F) (+23°C / +73,4°F)   | -               | Cohesive separation<br>pattern | Cohesive separation<br>pattern | ISO 21809-3 |
| Cathodic disbondment resistance<br>28 days, +23°C(+73,4°F) (radius)                   | mm              | ≤ 9                            |                                | ISO 21809-3 |

\*Valid for entire system

## Ordering information and packaging

### PLASTELEN®-AQ Primer:

| Product              | Dimension                          |
|----------------------|------------------------------------|
| PLASTELEN®-AQ Primer | Plastic bucket fill quantity 10 Kg |

### PLASTELEN®-Tape MT:

| Width (mm) | Length (m) | Rolls per box | m <sup>2</sup> per box | Total tape length per box |
|------------|------------|---------------|------------------------|---------------------------|
| 50         | 10         | 12            | 6                      | 120                       |
| 100        | 10         | 6             | 6                      | 60                        |
| 150        | 10         | 5             | 7,5                    | 50                        |

Additional dimension available on request.

### BUTYLEN-AS50

|              | Core diameter (mm) | Width (mm) | Tape length (m) | Tape area per roll (m <sup>2</sup> ) | Content per box |                                   |                       | App. weight (kg) |
|--------------|--------------------|------------|-----------------|--------------------------------------|-----------------|-----------------------------------|-----------------------|------------------|
|              |                    |            |                 |                                      | Number of rolls | Total tape area (m <sup>2</sup> ) | Total tape length (m) |                  |
| BUTYLEN-AS50 | 41                 | 30         | 10              | 0.3                                  | 18              | 5.4                               | 180                   | 9.5              |
|              |                    | 50         | 10              | 0.5                                  | 12              | 6                                 | 120                   | 9.5              |
|              |                    | 100        | 10              | 1.0                                  | 6               | 6                                 | 60                    | 8                |
|              |                    | 150        | 10              | 1.5                                  | 6               | 9                                 | 180                   | 12               |
|              | 78                 | 100        | 50              | 5                                    | 3               | 15                                | 150                   | 18.5             |
|              |                    | 150        | 50              | 7.5                                  | 2               | 15                                | 100                   | 18.5             |

Additional dimension available on request.

## Storage

When stored in its original, unopened packaging, **VivaxCoat®-MT** can be stored for at least 60 months after the manufacturing date.

Storage temperature: ≤ +40°C (+104°F)

The product must be stored dry, without load on the front surface.

## DEKOTEC GmbH

Felderstrasse 24 | 51371 Leverkusen | Germany  
Phone: +49 214 2602-0 | [info@dekotec.com](mailto:info@dekotec.com)  
[www.dekotec.com](http://www.dekotec.com)

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