

**Reinforced Mastic DK-BIT®1700**

Rolled bitumen-polymer mastic reinforced with glass mesh.



**COMPOSITION**

Bitumen-polymer mastic reinforced with glass mesh.  
 Components - polymers, plasticizers, elastomers, resins.  
 Interleaf - an anti-adhesive silicone film.  
 Color - black.

**SPECIAL ADVANTAGES**

Self-amalgamation of mastic in the area of overlap - forms a completely impermeable sleeve-like coating.  
 Practically impervious to water vapor and oxygen.  
 Resistant to soil bacteria and soil electrolyte.  
 High electrical insulating properties.  
 Compatible with factory coatings PE and bitumen.

**MASTIC LAYER**

Made by combining a bitumen-polymer mastic melt with a glass reinforcing mesh. Bitumen-polymer mastic is a multicomponent composition, which includes bitumen, polymers, plasticizers, elastomers and fillers.

**GLASS MESH**

The tape is resistant to aggressive salt water, soil acids, alkalis, salts, chemical vapors and common chemicals.

**INTERLEAF**

The anti-adhesive layer is made of a polymer siliconized film, which ensures free unwinding of the roll without sticking to the mastic layer of the tape.

**LONG-TERM CORROSION PROTECTION**

An outstanding feature of **Reinforced Mastic DK-BIT®1700** is its ability to self-mix at the overlap, resulting in a completely sealed, impermeable, sleeve-and-tape coating.

**AREA OF APPLICATION**



**Reinforced Mastic DK-BIT®1700** is a proven solution for permanent corrosion protection on pipes and welds in areas with increased risk of corrosion. It is used when carrying out works on insulation and re-insulation of oil pipelines, water pipelines and gas pipelines.  
**Reinforced Mastic DK-BIT®1700** is used in the **system DK-BIT®2454-RF** anti-corrosion system.

**RELATED PRODUCTS**

**DK-WORKER®** is manual devices for winding cold-applied tapes on pipes, pipe elbows and welded joints.  
**DK-WORKER®** ensures uniform tension and compliance with the required overlap width when applying **DK-BUT®** & **DK-BIT®** tapes.

## ■ PRODUCT PROPERTIES

Properties	Unit	Reinforced Mastic DK-BIT®1700
Color	---	black
Appearance	---	Mastic gaps, foreign inclusions, layer breaks, folds more than 1 mm in height, sinks, through holes are not allowed.
Total thickness	mm	≥1.7
The adhesive is reinforced with glass mesh	---	availability
Anti-adhesive pad: -availability -thickness -width	--- mm ---	availability ≥0.01 anti-adhesive pad width = roll width
Width	mm	150 ± 5, 225 ± 5, 450 ± 5
Flexibility on a beam with a radius of curvature of 10 mm	°C	-20
Water absorption in 24 hours	%	≤0.2
Fungus resistance	points	≤0
Adhesion to primed steel at + 20 °C	N / mm	3.5

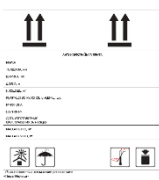
*Other sizes and tolerances available on request*

## ■ APPLICATION TERMS

Properties	Unit	Reinforced Mastic DK-BIT®1700	Test method
Surface condition of steel pipes: -cleaning level -degree of roughness	--- μm	min. St 2 50 - 100	ISO 8501-1 ISO 8503-1
Pipe surface temperature	°C (F°)	≥ +3°C (+5.4°F) above dew point	---
Temperature range: -application -operating	°C (F°)	+5 to +40 (+41 to +104) -20 to +50 (- 4 to +122)	Manufacturer's recommendation

## ■ TYPE OF PACKAGING



Label information	Material & Ø bushings mm	Outer Ø of roll mm	Weight roll kg	Appearance roll
	75±5 cardboard / polymer	≤400	5-30	Rolls of cylindrical shape with straight ends. Taper and telescopic rolls not allowed. A roll of mastic consists of one piece of cloth

*Other lengths and widths available on request*

## ■ PACKAGING, STORAGE AND TRANSPORTATION

**Packaging:** polymer, packaging is not returned after use.

**Storage:** in original packaging, in a dry place without load in a horizontal position, in warehouses, open areas under a canopy, protected from sunlight and atmospheric precipitation. When storing **Reinforced Mastic DK-BIT®1700** and transporting it to the work site, store and transport in a vertical position, no more than six rows of boxes with mastic. Transportation and storage at a distance of at least 1 m from heat sources.

Shelf life in original packaging is at least 24 months from the date of manufacture.

Storage temperature: ≤ +40°C (+104°F)

**Transportation:** on pallets, in original packaging, by all means of transport.

## ■ Consult with us for specific projects or unique applications

The product information shown here our application recommendations and other product related documents are made for your convenience only. Since many installation factors are beyond our control, the user shall determine the suitability of the products for the intended use and assume all risks and liabilities in connection therewith.

All information contained in this document is to be used as a guide and does not constitute a warranty of specification. The information contained in the document is subject to change without notice.

For this reason, no liability can be accepted for inaccurate advice or any failure to provide advice. The user is responsible for checking the applications of the product and verifying its suitability for the intended use.

This is the original translation of product information from the Polish language.

In case of any discrepancy or any dispute arising on the interpretation of this product information, the Polish text of the respective Polish product information, which is available at [www.dkd-korporation.com](http://www.dkd-korporation.com), shall be decisive.

The legal relationship shall be governed by Polish law.



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