



USAGE AND MAINTENANCE MANUAL

Electrical insulating matting Certified according to IEC 61111:2009, class 0, 2,3,4

ITEM DESCRIPTION:

Electrical insulating mats are made on the basis of synthetic and natural rubbers using rotocured technology.

THE USE:

It is an additional protection of transformer stations, electrical distribution stations, at high voltage workplaces in the case before switchboards in buildings. The working voltage is up to 36,000 V and they are tested to voltage from 1000 V to 50,000 V.

STORAGE:

Electrical insulating matting should be stored in a manner to prevent its damaging.

The special care should be taken to ensure that the electrical insulating matting is not compressed, folded or stored

in proximity to steam pipes, radiators or other sources of artificial heat or exposed to direct sunlight, artificial light

or other sources of ozone.

EXAMINATION BEFORE USE:

Before each use, both sides of each electrical insulating matting should be visually inspected. Examine the material

closely for any damage that might affect the dielectric characteristics, such as cracks, tears or small pinholes. In case of damages the electrical insulating matting can be non functional.

If an electrical insulating matting is thought to be unsafe, it has not to be used and should be changed for another.

TEMPERATURE:

Standard electrical insulating matting should be used in areas having ambient temperatures between - 25 °C and +55 °C.

According to IEC 61111 B5.

PRECAUTIONS IN USE:

The floor must not contain more than 4% moisture to prevent accumulation of moisture.

The floor The surface must be according to IEC61111B4.

Before laying of electrical insulating matting, we must make sure that it has not been damaged during storage.

The manufacturer recommends not sticking the electric carpet to the floor so that the carpet can be inspected. (marking tapes are from the bottom side.) The manufacturer recommends min. Once every 12 months, have the carpet checked by an inspection technician to assess the electrical functionality. carpets.

TREATMENT AND CLEANING:

We regularly clean the surface of the carpet with a broom or a brush (sorghum broom or horse hair) so that dirt does not accumulate on the surface of the matting. It is forbidden to use steel cleaners, wires or wire brushes to remove coarse dirt. We never use cleaning agents that contain acids, alkalis, acetone or other solvents, as they can irreversibly damage the surface of the dielectric carpet. Coarse dirt that cannot be removed with a brush is carefully removed with a wooden or plastic spatula.

The manufacturer does not guarantee the functionality of the electric carpet if these measures are not followed.

**BOGUMA, s.r.o.**

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