

# INSULATING MAT



## INSTRUCTION

### USAGE



#### Read the instructions carefully before usage!

Insulating mats are an electrically insulating accessory and designed to protect against electric shock when working under voltage. The mats comply with the requirements of the standard **IEC 61111: 2009**

### CLASSIFICATION

Code	Class	Length and Width, mm	Maximum thickness, mm	Maximum operating voltage in alternating current V
IM.2.750	2	750x750	8	17000

#### 1- STORAGE



Insulating mats in manufacturer's package shall be stored indoors at a temperature from +10 °C to +21 °C at a distance more than 1 m from the heating devices. In the process of storage mats shall be protected from mechanical factors (compression, bending), direct sunlight, artificial lighting, ozone source and substances that destroy rubber.

#### 2- REVIEW BEFORE USAGE



Before every usage the both sides of each insulating mat shall be visually inspected for cleanliness and the presence of a test date. Inspect the material for any damage that may affect the dielectric characteristics, such as cracks, tears, or small holes. If the mat is dirty, wash it with soap and water and dry it according to the operating temperature range. If the insulating mat is considered dangerous, it should not be used and should be returned for testing. Insulating mats made more than 12 months before first use shall be re-tested before use.

#### 3- USAGE RESTRICTIONS



Mats shall be used at the temperature range from -40 °C to + 55 °C. Avoid mats contact with chemicals, solvents and strong acids. Put the mat on a clean and smooth floor where there are no aggressive elements for the insulation material. Place your feet in the center of the mat.

#### 4- CLEANING



When the electrical insulation mat becomes contaminated, it should be rinsed with water and detergent at a temperature not exceeding the manufacturer's recommended and thoroughly dried. If insulating compounds, such as tar and paint, continue to adhere to the mats, the affected areas should be wiped immediately with a suitable solvent. Avoid excessive use of solvent, immediately wash and treat as indicated. Gasoline, paraffin or white spirit should not be used to remove such compounds. Electrical insulating mats that become wet during use or washing must be dried thoroughly, but in such a way that the mats temperature does not exceed 65 °C.

#### 5- PERIODICAL TESTSING



Insulating mats, even those that are stored, should not be used if they have not been tested and/or electrically tested within the previous 12 months. Before periodic inspection and re-electrical testing mats should be wiped clean of dirt and completely dried. Tests on the electrical insulation mats consist of a visual inspection, followed by tests for dielectric properties.

Class of electrical insulating mat	Type test	
	Voltage kV	Duration minute
2	20	1

Remark. Test requirements according IEC 61111

The user or test laboratory must mark the insulation mats with the date of the current or subsequent required inspection and test. Such marking must be in the appropriate zone and must not affect the dielectric properties of the product!

#### 6- TRANSPORTATION



≤50 kg

Use the manufacturer's original plastic packaging for transportation. The maximum load should not exceed 50 kg.

#### 7- DISPOSAL



If the mats do not pass a visual inspection or dielectric test, the disposal must be carried out in such a way as not to harm the environment. Recycling should be used.

For more information, visit [www.kievguma.ua](http://www.kievguma.ua)

# Explanation of labeling



Name, trademark, identification of matting manufacturer

In compliance with IEC 61111

[WWW.KIEVGUMA.UA](http://WWW.KIEVGUMA.UA)  
**INSULATING MAT**



**CLASS 2** Class designation

**IEC 61111** Number of the relevant IEC standard

Date of manufacture 11/2020

IM.2.750 Code

Traceability

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Marking area showing the date of first use and periodic testing date