TECHNICAL DATASHEET

SOLINDIS

DURABLE RUBBER MOUNTING BLOCK

DIMENSIONS:
Base: 100mm x 228mm
Height: 66mm
Inserted metal threads: 9mm | c.t.c. 50mm

WEIGHT: 970gr - 1030gr (dry)

AMBIENT TEMPERATURE:
-40°C / a +90°C

PRODUCT DESCRIPTION

The rubber mounting block is made of rubber granulates from recycled tires. No concrete is used to increase the weight of the block which makes it suitable for applications in wet and freezing conditions. Three inserted M8 threads in stainless steel (A4) makes it very flexible for all kinds of mounting applications.

A barrier layer provides an extra resistance against plasticizer migration on PVC surfaces and prevents the rubber blocks from fusing to a bituminous roof membrane.

The used tire rubber contains carbon black, antioxidants, and UV stabilizers to enhance resistance to wear, chemical decomposition, and sunlight, respectively. These characteristics are independent of particle size.

In general rubber is a poor thermal conductor, conversely providing a better thermal insulator than soil or aggregate. Thermal conductivity depends on particle size, reinforcing wire content, compaction, moisture content, ambient temperature, and other variables.

Tire rubber is capable of withstanding a full range of ambient temperature extremes without undergoing permanent property change. Some properties (like flexibility) change as a function of temperature, but this change is reversible and repeatable.

Tire rubber is a poor acoustic conductor and, therefore, a good insulator when used in a configuration with irregular surfaces or applications with vibrating components to further diffuse sound and absorb vibrations.

Tire shreds have a reported a flash point of 310°C, higher than some other materials used for architectural purposes such as wood, paper, foam, and fabric. The flash point is the temperature at which a material will initially ignite, and the temperature to support continuing combustion (fire point) is even higher.