**GWR NANO Insulation nanoceramic insulation product/system**

Contact informations:

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**Potential areas of development:**

Existing buildings

Insulation of Newly Built Hospitals

Separate Insulation of Operating Rooms

Pharmaceutical Transport Vehicles

Healthcare Containers

**Special features of the product:**

GWR NANO insulation provides 40% energy efficiency against both hot and cold temperatures, resulting in cost savings. The product material protects the surfaces against corrosion and mechanical impacts. It is water-repellent, washable, and 12% flexible with a high adhesion capability. Thanks to its thickness and its non-harmful or toxic composition, it can be used for interior insulation or special use. The 78% vapor permeability ensures the correct humidity and prevents the formation of mold. It forms a homogeneous surface and thus prevents the formation of thermal bridges.

**Advantages in application:**

The execution of the product is carried out using high-performance airless sprayers, ensuring a swift workflow with minimal workforce (typically 2-3 personnel/team) and providing a rapid process (averaging 300-600 square meters/day). For projects undertaken by the company's contractors, we offer a 20-year warranty. As the surface area to be executed increases, the insulation process becomes faster and more cost-effective compared to traditional insulation technologies. Apart from surface cleaning, no additional preparation is required. During the subsequent thermal insulation of existing buildings, the work process does not require scaffolding or subsequent demolition.