

Thomsit

R 762

Product Information 01.12.2000



GEV = Association for the Control of Emissions in Products for Flooring Installation.
EMICODE = Emission Code
EC1 = Very Low Emission
EC2 = Low Emission
EC3 = Not Low Emission

CONDUCTIVE BASE COAT

Forms a consistent conductive base coat for static conductive systems.

- ▷ GEV EMICODE EC1 very low emission – neutral odour
- ▷ consistent conductivity
- ▷ no need for copper grid

Description

Special conductive base coat that forms a consistent conductive substrate for Thomsit Conductive Adhesives. Recommended for operating theatres, computer rooms, laboratories, electronic production and other static sensitive areas.

Properties

Solvent free, very low emission GEV EMICODE EC1 certified product, with a neutral odour.

Substrates

It is recommended that all mineral based substrates be tested for rising or retained moisture. Substrates must have an adequate structural DPM. Where the residual moisture content is too high, especially common in new construction, a Thomsit membrane may be required. The substrate must be free from structural defects, smooth, sound i.e. of adequate compressive and tensile strength, permanently dry and free from laitance, dust, surface treatments or contamination which would impair to bond the adhesive.

Application

Thomsit R 762 must be applied to a prepared substrate with a foam roller. Apply with overlapping strokes. Avoid pooling. Apply Thomsit R 727 in accordance with the minimum ambient conditions and the practices prescribed in British/DIN/European Standards, e.g. BS CP 8203 & 5325; 1996, DIN 18 365.

Earthing:

In most cases the installation of a copper grid is not required. However it is necessary to place a 1-metre length of copper strip onto the prepared substrate for every 30 m² of floor area. A tail will need to be left out for connection to an Earth Ring. The copper strip should be adhered and overlaid with the appropriate Thomsit Conductive Adhesive. It is recommended that a qualified electrician connect the Earth Ring at least 12 hours after the installation of the floor covering.

Technical Information

Colour	black
Viscosity	liquid
Specific gravity	approx. 1 kg/ltr
Consumption (Coverage)	approx. 100 g/m ² (10 m ² /kg)
Drying times under normal climatic conditions	Impervious coverings * min. 12 hours Textile coverings * 1-2 hours
Temperature resistance for transport and storage	3 to 50 °C (frost sensitive)
Temperature resistance after curing	max. 50 °C (suitable for use with underfloor heating)
Electrical resistance	< 3x10 ⁵ Ohm conforms DIN53276
Storage	6 months under normal conditions
Packaging	10 kg plastic container pallet quantity: 60

* The above information applies at normal ambient conditions, e.g. 20 °C and 55% Relative Humidity.

Health & Safety

Thomsit R 762 is solvent free, non-flammable and a very low emission EMICODE EC1 product for improved indoor and environmental air quality. Thomsit R 762 is non-hazardous when used as intended. Thomsit R 762 requires no special precautions in storage, transportation or use. Where appropriate, wear suitable Personal Protective Equipment (PPE) e.g. gloves, eye protection. For further advice, please read the relevant Thomsit Safety Data Sheets, available upon request.



Roller applied



No special safety measures required



VOC emission below 100 µg/m³

For improved Indoor & Environmental Air Quality

Disposal

Do not pour directly into drains. Retain the product for later use, or if beyond shelf life, dispose of product in accordance with local regulations. Dispose of empty container in accordance with local regulations, or where appropriate recycle.

The information contained herein is general and not intended to be specific to any substrate, project or product system. The information is based on our experience to-date and the results of continuous and careful testing. Varying conditions and methods of use will influence the practical application of this product. The products optimum performance is also dependent upon the professional judgment of the user and their conformity to proper trade practice, relevant standards and codes of practice for installation, which are factors outside of our control.

The issue of this Thomsit Product Information Sheet supersedes all previous information relevant to this product.

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