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AFTERCARE

V2

SITE CONDITIONS & PREPARATION

The building should be weatherproof, dry, and sealed from any water ingress. The ambient temperature and the temperature of the supporting substrate should have a minimum of 5°C and a maximum of 30°C during installation and 4–5 days after placement. Provide protection against rapid drying from direct sunlight where necessary. The substrate should be clean, reasonably dry, free of grease and other impurities. The installation of baseTherm® is carried out in accordance with IS EN 16025-2.

FOOT TRAFFIC

baseTherm® Low Lambda is a high-performance insulating material, specially formulated with minimal cement content to deliver industry-leading, certified U-values.

As with any screed/mortar, to achieve the best results, you must allow your baseTherm® Floor Insulation to dry (or cure) fully before re-entry, or allowing foot traffic of any description.

Do not permit foot traffic until the baseTherm® insulation has fully hardened, typically between 4 and 7 days under normal site conditions. Longer drying periods may be required depending on temperature, humidity and ventilation. Proper drying is necessary before subsequent floor construction and allows the insulation to achieve its declared thermal performance. To ensure great results, we strongly recommend testing a small area after 4 days to confirm it is ready for re-entry as longer waiting times may be required depending on site conditions. A heat source may be utilised in lower temperatures. Schedule UFH (if applicable) and screed installation in sequence to avoid unnecessary damage to the surface of the baseTherm® BEPS.

The installation date and site conditions are recorded on the baseTherm® Site Completion Report. Hardening and drying periods should be calculated from the installation date recorded on that report.

FOOT TRAFFIC - PLEASE NOTE

AFTER INSTALLATION, YOU MUST NOT WALK OR ALLOW FOOT TRAFFIC OF ANY DESCRIPTION ON THE BASETHERM® POURED INSULATION FOR MIN 4 DAYS TO ONE WEEK.

DO NOT

- Walk on the insulation before it has hardened.
- Store materials on the insulation.
- Allow access towers or point loading on the insulation.
- Install UFH before the insulation is dry.
- Do not use dehumidifiers during the initial curing period.

(HEATED) FLOOR SCREED

Depending on site conditions, when baseTherm® mortar is fully dry, a 500-1000 gauge (125-250 micron) separation membrane is installed, prior to installation of underfloor heating pipes (if applicable). Edge insulation of 8mm minimum with a minimum thermal resistance of 1.0 m^2K/W should be formed around the perimeter (walls, columns, etc.). After completion of these preparation works a self-smoothing screed to BS 8204-7 or sand & cement screed to BS 8204-1 may then be installed.

NOTE: UNDER FLOOR HEATING SYSTEMS (UFH)

The heating pipes or cables should be fully secured to the surface of the baseTherm® BEPS to prevent flotation during screed installation. The UFH system shall be installed in accordance with the heating manufacturer's installation instructions, but it is essential to ensure that the heating elements cannot float. Underfloor heating should not be commissioned until the screed manufacturer recommends.

Please refer to baseTherm® Brochure for further detailed information.

UFH Installers - We recommend the following clips

60mm UFH Clips

CHECK LIST

Before screeding confirm:

☐ Insulation completely dry.
☐ Membrane installed.
☐ Edge insulation installed.
☐ UFH secured.
☐ Services protected.

NSAI Agrément
baseTherm® Floor Insulation System
CERT No. 22/0430

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SCS UKAS

FastFloorScreed mobile screed factory

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