

CABLE LAYING MEMBRANE

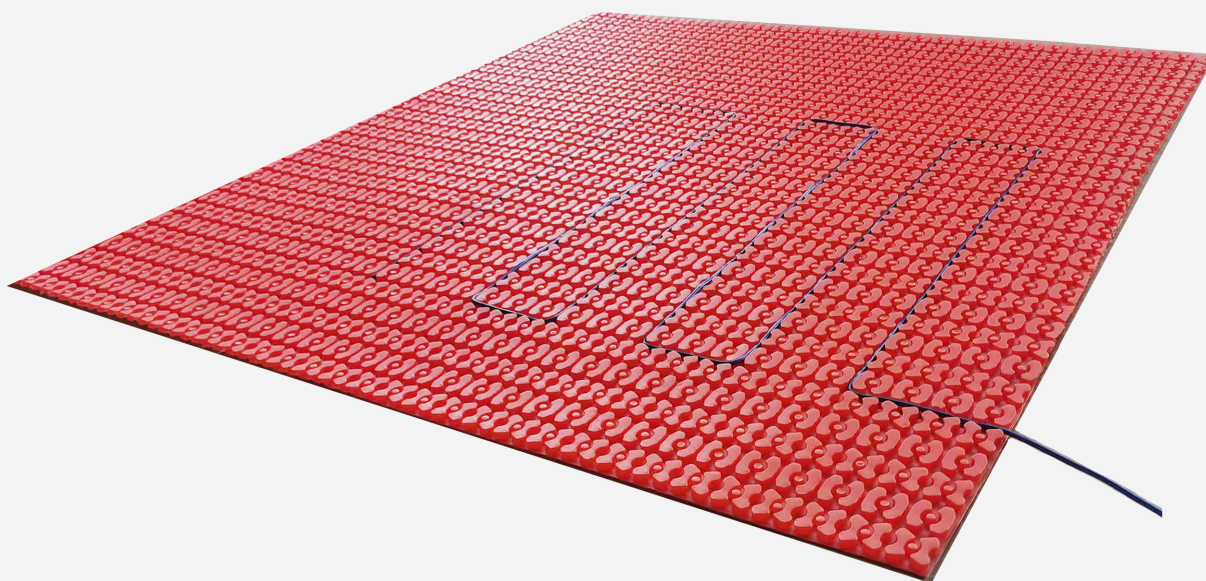
SC-CLM

PRODUCT DESCRIPTION

THE SC ELECTRIC CABLE LAYING MEMBRANE IS A COST-EFFECTIVE AND RELIABLE SOLUTION ENGINEERED TO SIMPLIFY THE INSTALLATION OF UNDERFLOOR HEATING SYSTEMS. DESIGNED FOR FIRM ANCHORING DURING THE APPLICATION OF FLOOR ADHESIVES, IT PREVENTS CABLE MOVEMENT RESULTING IN SIGNIFICANT REDUCTION OF INSTALLATION TIME AND OPTIMAL HEAT DISTRIBUTION WITH LONG-TERM PERFORMANCE.

APPLICATIONS

- Suitable for electric underfloor heating cable installations.
- Ideal for tile, marble, or stone floor & wall finishes.
- Can be used on cement screed, insulation boards, or subfloors.
- Designed for indoor residential, commercial, and light industrial applications.



KEY FEATURES

- Maintains consistent cable spacing for optimal heat distribution.
- Quick and easy installation – no special tools required.
- Lightweight and reusable.
- Compatible with most heating cables (Ø 3–4.2 mm).
- Enables uniform adhesive application during floor finishing.

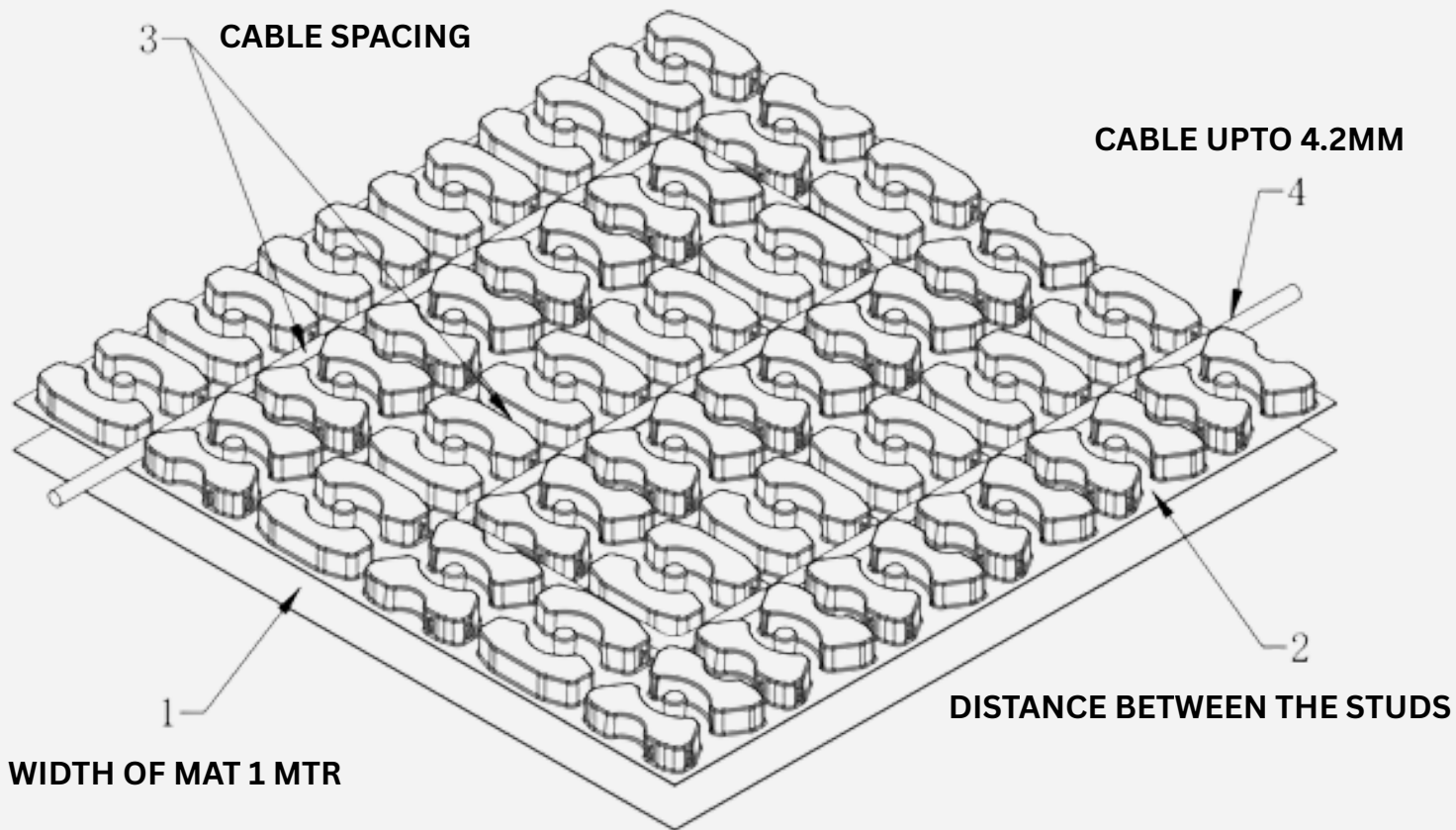
COMPLIANCE

- Meets general construction product safety standards.
- Suitable for CE-compliant electric heating cables

TECHNICAL DATA

MATERIAL	• TOP LAYER: POLYETHYLENE (PE) FILM FOR PROTECTION AND STRENGTH • BOTTOM LAYER: POLYPROPYLENE (PP) NONWOVEN FOR ENHANCED GRIP AND STABILITY
APPLICATION	SUITABLE FOR WALL AND FLOORS
WEIGHT	1000G/SQM
THICKNESS	5.6MM
FILM THICKNESS	0.45MM
SUITABLE FOR	CABLES BETWEEN 3.6-4.2MM
COLOR	CUSTOM
MAX OPERATIONAL TEMPERATURE	5°C TO 40°C, BUT LIMITED BY TILE ADHESIVE SPECIFICATION
STORAGE TEMPERATURE	MIN -20°C & MAX +45°C
MELTING POINT	+160°C
AIR GAP VOLUME	2.8 LITRE/M2
FILLING VOLUME OF THE STUDS	2.3 LITRE/M2
DISTANCE BETWEEN THE STUDS	4.0 MM
CRACK BRIDGING	0.32MM
TENSILE STRENGTH	73N/CM
COMPRESSIVE STRENGTH	650KPA
WATERPROOF	YES <u>ANSA A 118.10</u> , TESTING METHOD <u>ASTMD4068</u>
CHEMICAL RESISTANCE	TO MOST ONES LIKE ALKALIS, ACIDS, SOLVENTS, MARINE ENVIRONMENT / CHLORINE WATER.
ESTIMATION OF POWER MAY ACHIEVE FROM DIFFERENT CABLE DISTRIBUTION:	@64MM SPACING 214 W/M2 @96MM SPACING 142 W/M2 @128MM SPACING 100 W/M2
ROLL SIZE	1M X 5M DIA 220 MM 1M X 10M DIA 340 MM 1M X 15M DIA:400 MM

TECHNICAL DATA



INSTALLATION

1. SURFACE PREPARATION
2. MEMBRANE PLACEMENT
 - ROLL OUT THE MEMBRANE WITH THE POLYETHYLENE (PE) FILM FACING UPWARD
 - ENSURE THE POLYPROPYLENE (PP) NONWOVEN LAYER IS IN CONTACT WITH THE SUBSTRATE FOR BETTER ADHESION
 - CUT AND ADJUST THE MEMBRANE TO FIT THE REQUIRED AREA
3. FIXING THE MEMBRANE
 - APPLY A SUITABLE TILE ADHESIVE OR BONDING MORTAR TO THE SURFACE
4. LAYING HEATING CABLES
 - POSITION THE HEATING CABLES ALONG THE MEMBRANE ACCORDING TO THE PREDEFINED SPACING PATTERN
5. APPLYING ADHESIVE / SCREED
 - COVER THE MEMBRANE AND CABLES WITH TILE ADHESIVE OR SELF-LEVELING COMPOUND
6. FINAL FLOOR/WALL FINISH

