

From Project to Jobsite

INSULATOR-tec /10

THERMAL PROTECTIVE SHEET FOR CONCRETE

Description INSULATOR-tec/10 is an insulating membrane, free from CFC in double-layer consisting of extruded polyethylene foam. The sheet has two sides, white for warm climate and a dark grey for cold weather.



- Advantages/
Characteristics**
- When applied on fresh concrete it prevents rapid loss of water by evaporation.
 - Does not stick to the fresh concrete.
 - Applied on the hardened concrete with **white** outer surface, it prevents the concrete from heating from direct sunlight and high temperature.
 - Applied on the hardened concrete with **grey** outer surface, protects the concrete from the cold and promotes the heat from sunlight.
 - Protects the concrete in the first days after casting from thermal shock derived from the difference between inside temperature of the casted concrete and the environmental temperature (with more or less significant difference in °C less) and prevents the formation of cracks derived from the resulting contraction forces.
 - Protecting concrete surfaces immediately after demoulding allows significant acceleration in the timing of construction, keeping intact the structures and avoiding cracks caused by thermal shock.
 - Resistant to oil, gasoline, and chemicals which are normally used in construction.
 - Reusable many times and for a long time.

Technical characteristics (typical values)	• Thickness:	10 mm
	• Thermal conductivity:	0,045 W/mk
	• Tensile strength:	10,00 N/cm ²
	• Application temperature:	from -40 °C to +70 °C

Packaging Rolls of 79,75 m² 1,45 x 55 m, Weight = 18 Kg
Thickness = 10 mm

The above data are based on our actual and most experienced practical and laboratory knowledge and the results are collected from application of the product in different situations. Tecnochem Italiana does not assume any responsibility regarding inadequate or negative performance as a result of improper use of the product or for defects deriving from factors or elements other than the quality of the product including improper storage. The technical characteristics and performance mentioned in this datasheet are updated periodically. The revision dates and number of revision of the datasheets are listed in the table below. Eventual variations are traceable on our website www.tecnochem.it where the most updated datasheets can be retrieved.