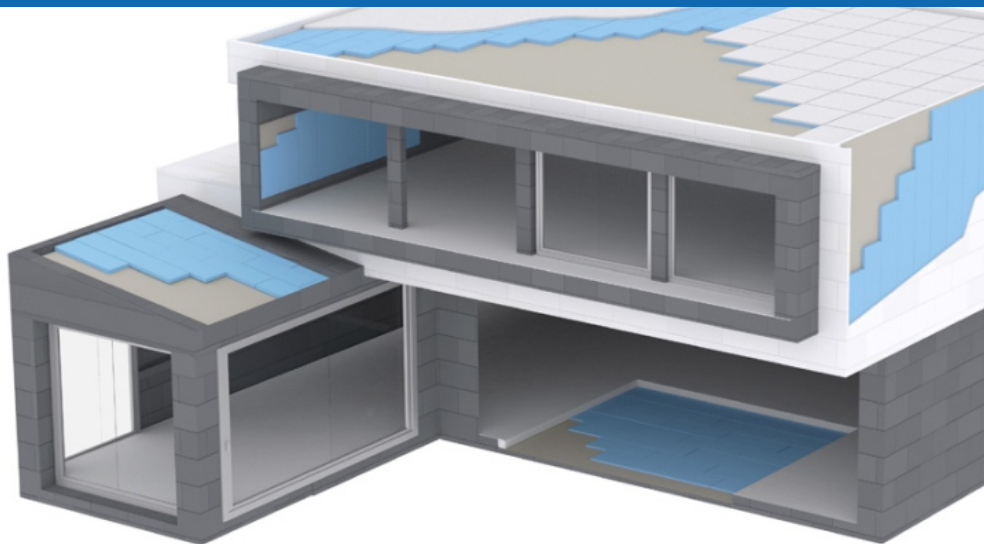


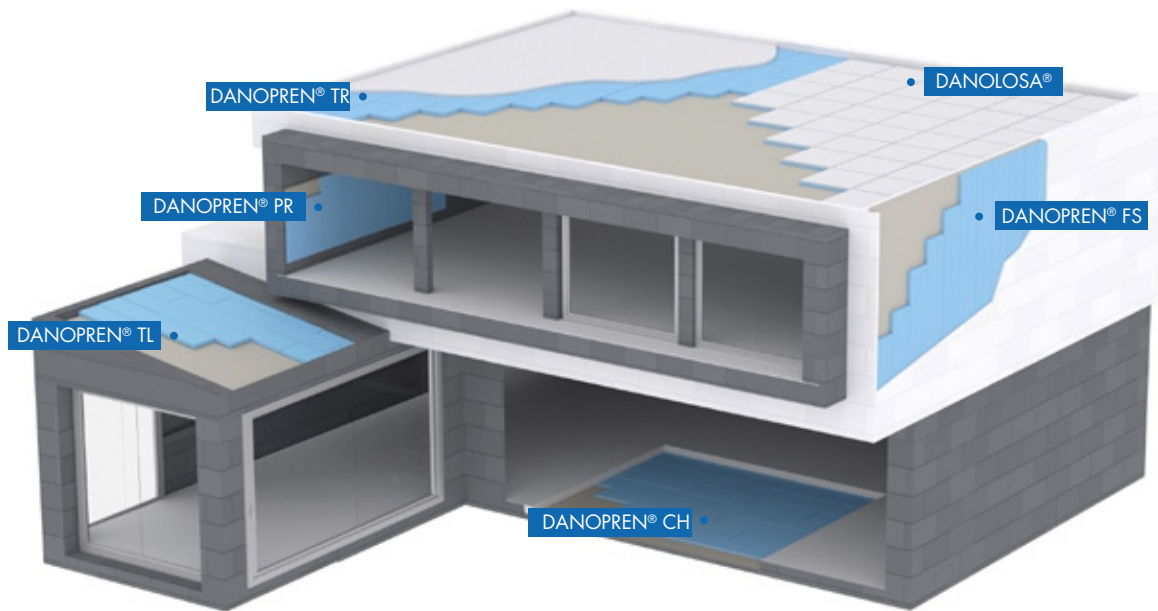
THERMAL INSULATION

SOLUTION THAT HELP REDUCE BUILDING'S ENERGY DEMAND



TIKIDAN THERMAL INSULATION SYSTEMS are solutions that help limit the amount of energy needed by a building to obtain thermal comfort for its users, effectively contributing to a reduction in energy consumption and in CO_2 emissions.

The DANOPREN® product line is designed to provide an effective, fast and safe solution for all the insulation needs for a building's thermal enclosure.



ADVANTAGES:

- Thermal insulation against both cold and heat.
- Minimal water absorption: rot-proof.
- Retains its insulating properties throughout the entire lifespan of the building.
- High mechanical resistance to load-induced compression.
- Quick and easy to deploy.
- Facilitates the diffusion of water vapour on outer walls.
- Building consumes less energy.
- Reduced greenhouse gases: CO₂.
- A building's energy bill can be cut by up to 50%.
- Lengthens the lifespan of materials in the shell of the building.
- Free of ODG as CFC, HCFC & HFC.

APPLICATIONS:

Types of buildings:

- Public buildings such as shopping centres.
- Public or private residential buildings.
- Health facilities such as hospitals and clinics.
- Educational facilities such as schools, day care centres and universities.
- Administrative and corporate buildings.
- Industrial buildings.
- Logistical buildings.
- Cold Storages.

Application	Product	Description	Edge-Surfaces	Thermal Conductivity (EN 12667/EN 12939)	Compression (EN 826)
Flat roofs: walkable, not walkable, garden roofs	DANOPREN® TR	Rigid, extruded polystyrene (XPS) high compression-resistant and with minimal water absorption.		0.033 - 0.038 W/m-K	300 kPa
Pitched roofs	DANOPREN® TL				
Façades: Interior insulation	DANOPREN® PR				200 kPa
Façades: Exterior insulation	DANOPREN® FS				
Floors	DANOPREN® CH				300 kPa
Floors	DANOPREN® 500				500 kPa

