

# Knauf Facades

Knauf Facades, the latest division of the Knauf Group, manufacture and supply complete 'through the wall' infill systems for steel and concrete framed buildings.

Our systems have been developed in close conjunction with the construction industry. Designed to meet exacting standards, ranging from flexibility of use to high levels of structural and thermal performance, each of the Knauf Facades Exterior Wall Systems enjoys a wide range of benefits.

## Knauf ThermaFrame System

By using our innovative thermal stud, we are able to offer cost effective cold frame solutions that place the insulation between the vertical studs. Our ThermaFrame system is designed to meet the thermal requirements of your project by greatly reducing thermal transfer through the wall and removing the need for external insulation.

In addition, the ThermaFrame system has been designed to meet the future requirements of the Code for Sustainable Homes as well as current Building Regulations and Technical Handbooks. In many cases, ThermaFrame also reduces the thickness of the overall solution, providing you with a greater amount of internal space.

## Knauf Warm Frame Systems

The Warm Frame System is a traditional frame infill panel system available with or without a ventilation cavity. By employing a warm frame construction the external face of the building can be sheathed as well as insulated, using mineral wool or rigid foam insulation. Incorporating a ventilation cavity makes a system suitable for residential as well as commercial buildings.

## Technical Specifications

Knauf Facades' Technical and Sales teams provide support throughout the specification, design and construction phases. We offer a complete solution including auditable calculation and design output, with systems warranted to safeguard the future of the building and provide you with peace of mind.

We take your project details (site location and orientation), building heights, fire and acoustic performance requirements, façade finishes, U-value requirements and completed architects' drawings and supply:

- An optimised stud solution
- Indicative design pack
- Typical panel material schedule
- Typical panel elevation details provided in .dxf format
- Confirmation of performance data including fire, thermal & acoustic performance
- Thermal calculations for the solution offered in 2D or 3D as required
- Calculated wind loadings for the specific location & orientation of your project
- Specifications provided in a recognised NBS format
- Material safety data sheets (MSDS) & product data sheets as required
- Value-engineered solutions to provide simple & efficient buildable solutions

## Warranty

In order to provide complete peace of mind for our clients, including specifiers and contractors, we have developed a lifetime warranted façade solution. This single source of supply warranty is fully supported by our technical and sales teams, both pre-site and during construction.

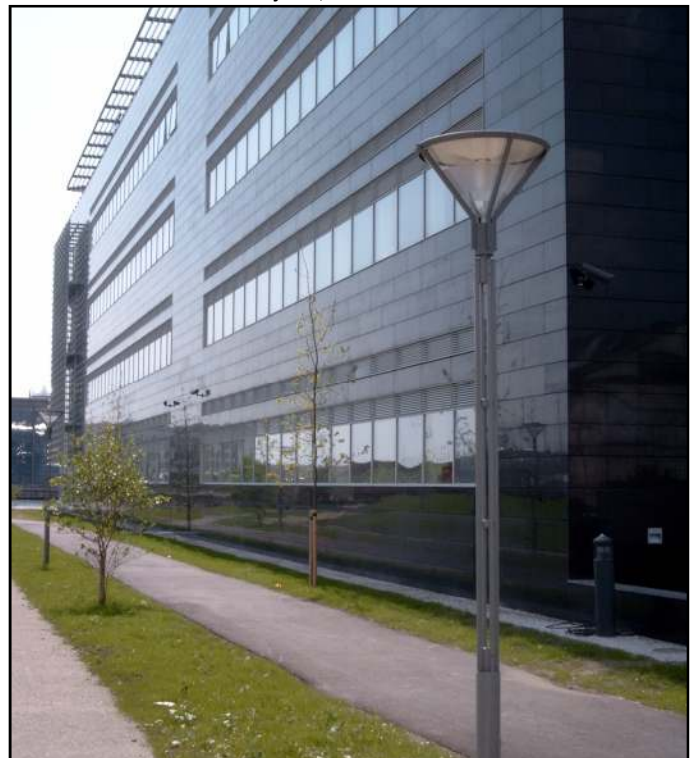
Our warranty ensures our Knauf Facades full system solutions adhere to specified parameters over the design life of the building. Individual components, where required, will be covered under the standard Knauf product warranty.



Rapid on-site installation



Knauf ThermaFrame Cold Frame System, Interior & Exterior



Allows for various cladding options