



TEKGROUP

# Ceiling Solutions

## PRODUCT BROCHURE



INNOVATE | MANUFACTURE | STOCK | DELIVER



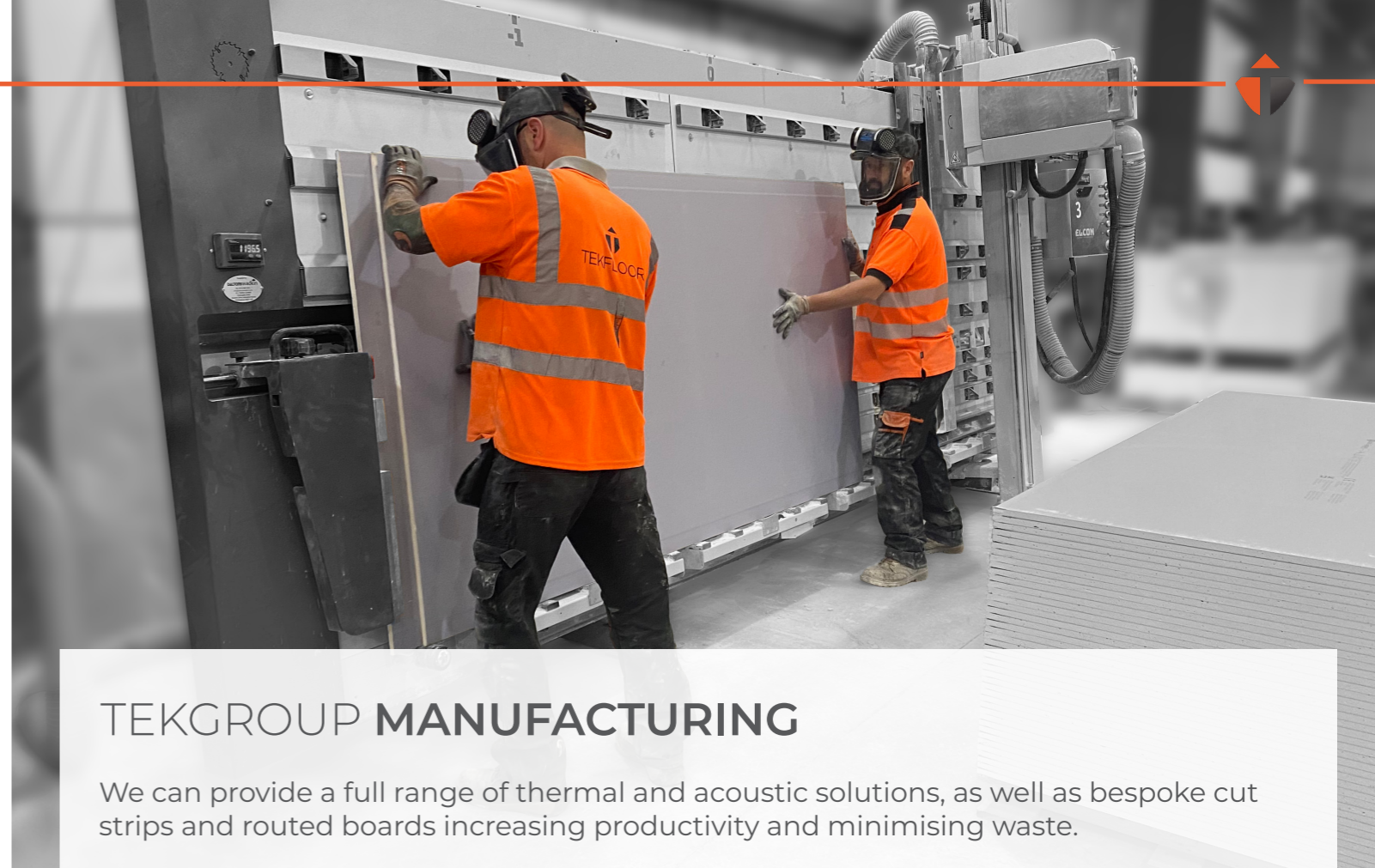
# WELCOME TO THE **TEKGROUP**

**Dedicated to providing solutions to our customers.**

We combine our vast experience and technical know-how to innovate, manufacture, stock and deliver specialist construction products and bespoke solutions to customers across the UK.

## OUR PRODUCT RANGE:

- ✓ Insulation & Acoustic Solutions
- ✓ Groundworks Solutions
- ✓ Screeds and Accessories
- ✓ Render Systems
- ✓ Underfloor Heating Solutions
- ✓ Dry Screed Solutions
- ✓ Drylining Solutions
- ✓ Passive Fire Protection Solutions



## TEKGROUP MANUFACTURING

We can provide a full range of thermal and acoustic solutions, as well as bespoke cut strips and routed boards increasing productivity and minimising waste.

## WHY CHOOSE US?



WE HAVE OUR OWN  
**FLEET 45**  
OF OVER  
**VEHICLES**  
MANY WITH OFFLOAD



**>200**  
**THOUSAND**  
SQUARE FOOT OF  
**WAREHOUSE**



**NATIONWIDE**  
DELIVERY ON  
**1,000's**  
**PRODUCTS**  
EVERY DAY

## SPECIALIST LOGISTICS

We can deliver to stock or direct to site with rigid vehicles and mechanical offload available at no extra cost.

We have developed our logistic solutions to work around you. So, whether you need a delivery to central London, in the middle of the night, or require specialist offload equipment, we will work with you to find a solution to your challenges.



## OUR SERVICE'S

### Cutting

Designed to save customers time, money and waste.

**We provide pre-cut:**

- ✓ Strips
- ✓ Pattresses
- ✓ V-Cuts
- ✓ Baffle Boxes
- ✓ Glasroc
- ✓ Plasterboard
- ✓ Plywood
- ✓ Cement Particle Board
- ✓ Insulation

### Fabrication

We work with customers to supply fabricated bespoke solutions to suit site requirements.

**We can provide the following services:**

- ✓ Cutting
- ✓ Machining
- ✓ Lamination
- ✓ Conversion
- ✓ Development

## OUR PRODUCT SOLUTIONS

### Ceiling Solutions

We manufacture a range of products, designed to meet thermal, acoustic and fire requirements within any ceiling system.

### Thermal Laminates

We work with the leading manufacturers of insulation and gypsum board products, meaning we can provide our customers with bespoke laminated boards to suit any project requirement.

### Underfloor Heating Boards

We produce a range of gridded and routed boards, designed to allow for faster and more efficient installation of the underfloor heating pipes and to efficiently transfer heat throughout the room.

### Converted Options

We manufacture a wide range of faced and encapsulated glass and stone wool roll and slab products. We also offer additional core materials such as Class 0 foams, PE foams, phenolic and PIR boards, and industrial felts to provide additional fire, acoustic and thermal solutions.



TEKWARM

## GLASS CEILING PADS & ROLLS



**Glass fibre insulation, encapsulated in plastic ceiling pads and rolls.**

Tekwarm Insulation Encapsulated Ceiling Pads and Rolls are designed to be used on the back of ceilings and are produced in a range of thicknesses and can be made to suit any size of ceiling grid tile on application.

These Ceiling Pads and Rolls are encapsulated in plastic, which not only creates a natural vapour barrier which prevents the ingress of moisture within the structure, but also makes them easy to handle without fibre migration.

### APPLICATIONS

#### Ceiling Pads

Designed to be used on the back of suspended ceiling grid tiles.

#### Ceiling Rolls

Can be used in-between studding or ceiling joists, as an overlay in lofts and ceiling voids and in off-site construction.

They can also be rolled out on the back of suspended ceiling grid tiles to form unbroken insulation.

### SIZES

#### Ceiling Pads

Standard pad sizes are 600mm x 600mm and 1200mm x 600mm and is available in a wide range of thicknesses.

#### Ceiling Rolls

Available in lengths of 4.03m, 6.09m, 8.06m, 10m and 12.18m, and 400mm, 600mm and 1200mm widths in a wide range of thicknesses.

TEKWARM

## ROCK CEILING SLABS



**Rock fibre insulation encapsulated in plastic ceiling pads.**

Tekwarm Encapsulated Rock Fibre Ceiling Slabs are designed to offer thermal and acoustic insulation in suspended ceiling systems and are produced in a range of thicknesses and can be made to suit any size of ceiling grid tile on application.

The ceiling slabs are encapsulated in black recycled plastic, which not only creates a natural vapour barrier which prevents the ingress of moisture within the structure, but also makes them easy to handle without fibre migration.

### APPLICATIONS

Designed to be installed within the metal trays above suspended ceiling systems to reduce sound breakout and room to room noise.

To achieve a fully rated acoustic ceiling then you must use Tekfon Room Edge Acoustic Perimeter Strip, acoustic light hoods and fan acoustic liner where necessary.

These pads are also made from A1 fire rated to BS EN 13501-1 core rock fibre, with a thermal conductivity of 0.035 W/mK.

### SIZES

Standard pad sizes are 600mm x 600mm and 1200mm x 600mm and is available in a wide range of thicknesses from 25mm to 100mm.

Available as standard in both 45kgm<sup>3</sup> & 60kgm<sup>3</sup> density.

In addition to our standard sizes, we can bespoke manufacture to suit any size or thickness required to fit the ceiling grid or tile.



### THERMAL RATED

Glass fibre roll has a thermal conductivity of 0.044W/mk.



### NON COMBUSTIBLE CORE

Made from A1 fibreglass mineral wool.



### FLEXIBLE

Can be made to fit any size of ceiling tile.



### ACOUSTIC RATED

Designed to reduce sound transmission through the ceiling.



### NON COMBUSTIBLE CORE

Made from A1 stone wool.



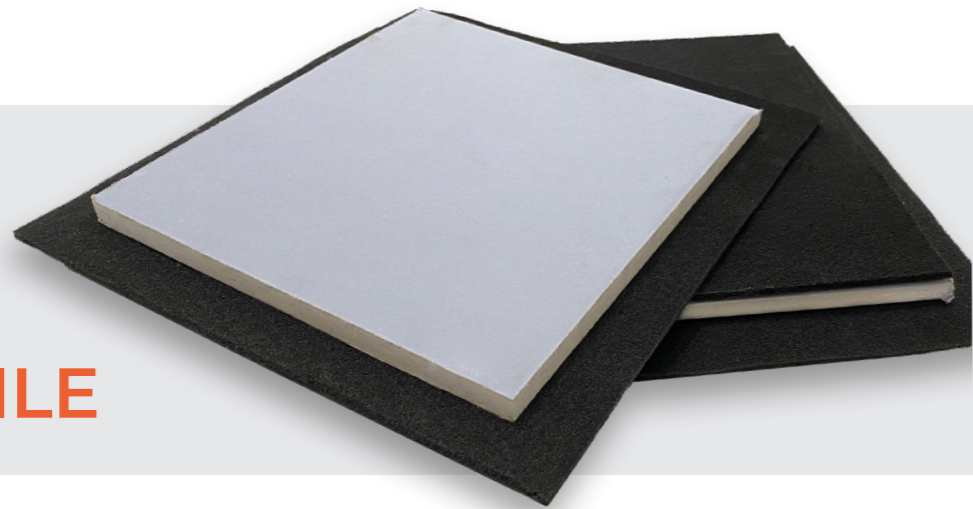
### THERMAL RATED

The slabs have a thermal conductivity of 0.035 W/mK



TEKFON

## ACOUSTIC REDUCTION TILE



**An acoustic reduction ceiling tile for direct use or upgrading ceiling acoustics.**

Our range of acoustic reduction tiles has been formulated to offer a cost-effective solution to upgrading the acoustic performance of a ceiling tile, solid or open mesh. These reduction tiles will reduce the sound transmission between rooms, and floor to floor where needed.

The range consists of two products, the Tekfon Retrofit tile for use with solid tiles and the Tekfon Gridfit tile for open mesh or perforated ceilings.

### APPLICATIONS

The Tekfon Acoustic Reduction Ceiling Tile range is designed to upgrade the acoustic performance of any existing ceiling, just by adding the product to the back of the ceiling tiles.

It can be used in a metal grid or perforated metal/fiber tile systems to give an enhanced acoustic rating, whilst providing a black non-fibrous finish.

The tiles must be used with Tekfon Room Edge Strip, acoustic light hoods, and fan acoustic liners.

### SIZES

Both tiles are manufactured from plasterboard with a black 6mm A1 fire and acoustic foam bonded to one face that has a 10/20mm flange to all sides.

The Gridfit also has an additional 6mm A1 fire and acoustic foam bonded to the other side (with no flange).

Standard board sizes are 595mm x 595mm and 595mm x 1195mm available in a range of thicknesses.

Custom sizes available to suit existing tile sizes.

## SPECIALIST CEILING PADS



**In addition to our standard range of ceiling pads, we can also custom manufacture specialist pad solutions for a variety of ceilings.**

All our specialist ceiling pads are converted from A1 rated rock mineral wool to our customers' requirements, which can be thermal, fire or acoustic applications.

These ceiling pads can be manufactured to suit a variety of sizes of tile or plank with varying densities of rock core of 45kgm<sup>3</sup>, 60kgm<sup>3</sup>, 80kgm<sup>3</sup> or 100kgm<sup>3</sup> density.

Because we use A1 rated rock mineral wool, the core slab is Class A1 fire rated to BS EN 13501-1.

### APPLICATIONS

These specialist ceiling pads can be manufactured to suit a wide range of ceiling types, including perforated or open mesh ceiling tiles and plank systems.

Our team can help to provide products that are cost effective, whilst working towards meeting current building regulation solutions.

### MATERIAL OPTIONS

Our pads can be encapsulated with Class 0 foil facing in silver or matt black, with the sides returned onto the face by 50mm.

The face can then have a standard black or white non-woven tissue laminated to it.

For borderless mesh tiles & planks the tissue face can be returned on all four edges over the foil to provide a continuous tissue appearance.



### ACOUSTIC RATED

Depending on thickness these pads can achieve between 18 and 30dB.



### SUITS ANY SUSPENDED CEILING

Range of tiles to suit any ceiling tile, solid to open mesh.



### FLEXIBLE

Can be manufactured to bespoke sizes.



### MANUFACTURED TO REQUIREMENTS

Can be used for thermal, fire or acoustic applications.



### MANUFACTURED TO SUIT ANY PROJECT

Suits perforated or open mesh ceiling tiles and plank systems.



### NON COMBUSTIBLE CORE

Made from A1 stone wool.



**TEKGROUP**

**Your specialist solutions provider.**

**TEKGROUP LTD**

Unit 1 Power Park  
Commercial Road  
Goldthorpe Industrial Estate  
Rotherham  
S63 9BL

01709 261007

[www.thetekgroup.co.uk](http://www.thetekgroup.co.uk)