siniat

Shaping the way peopl

GTEC® PERFORMANCE BOARDS

Siniat plasterboard drylining systems provide economic, high performance options to meet a wide range of building requirements. They are ideally suited to today's fast-track construction schedules, which must control costs whilst maintaining the highest quality standards. Our plasterboard range and drylining systems meet the practical and performance needs of all new-build and refurbishment projects.

THE GTEC RANGE

GTEC BOARD RANGE
A range of standard, performance and specialist plasterboards, including solutions for sound, re and thermal applications.
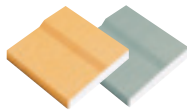
GTEC FRAME RANGE
A range of strong, lightweight and non-loadbearing economic metal framing solutions for drylining.

GTEC FIX RANGE
A range of xing solutions such as GTEC screws, adhesives and renders, speci cally designed for use with plasterboard.

GTEC FINISH RANGE
Complete range of nishing products for seamless taping and jointing for two and three coat applications.

GTEC LIFETIME SYSTEM WARRANTY
When systems are built entirely with GTEC components and materials, by quali ed professionals, in accordance with our latest literature and relevant standards, we can offer our invaluable **GTEC Lifetime System Warranty**.

Further details about all GTEC products and the GTEC Lifetime System Warranty can be found on our website - **www.siniat.co.uk**

Part B, E & Part L of Building Regulations aim to help make buildings safer, quieter and greener.

PART B (FIRE)
Part B of the Building Regulations contains the legal requirements governing the standard of re resistance across all buildings and has the safety of the occupants and building structure in mind. Under Part B the builder is required to consider the system's Fire resistance standards - in terms of heat release rate and internal re spread of the lining materials and of the structure as a whole.

PART E (ACOUSTIC)
Part E of the Building Regulations contains the legal requirements governing the quality of acoustics in buildings where people live. Part E puts the onus on the builder to demonstrate that the stated acoustic ratings have been achieved.

If you are planning to build houses, apartments, hotels or residential rooms, then your separating walls, partitions, floors and ceilings must comply with the current acoustic ratings.
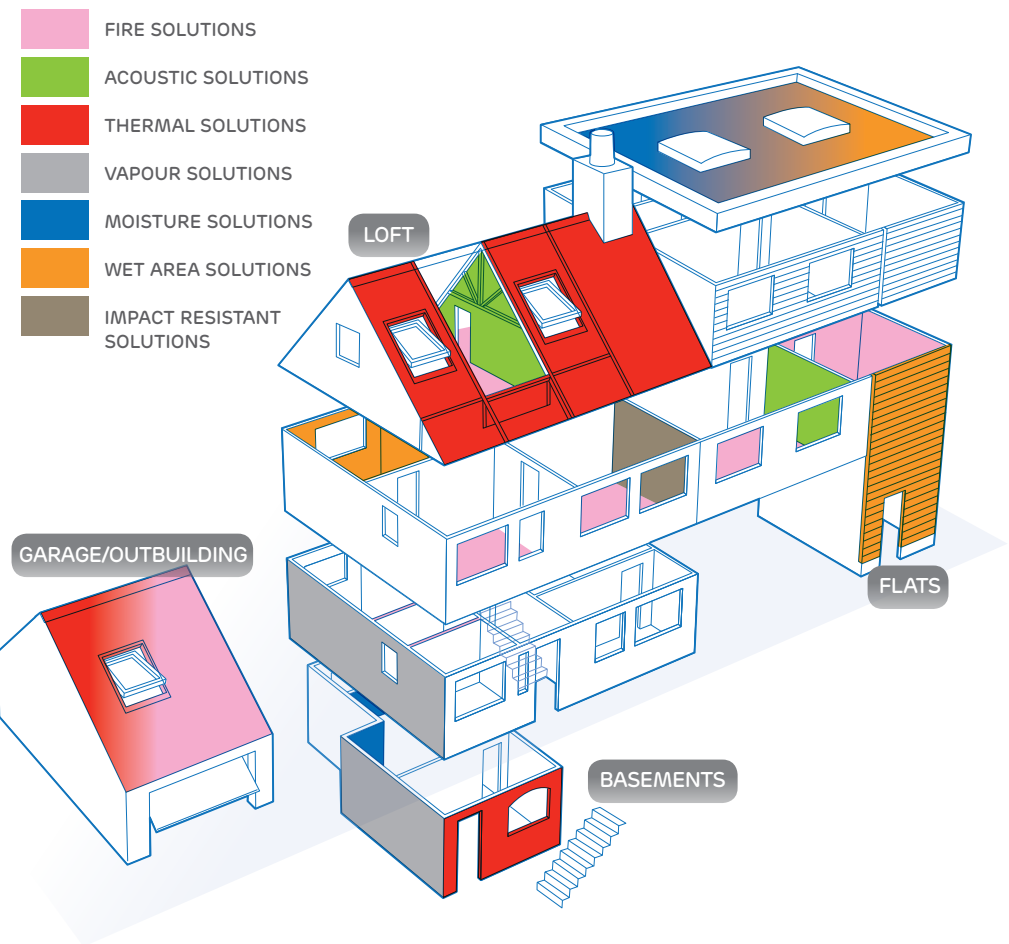
PART L (THERMAL)
Part L (and Part J for Scotland) of the Building Regulations sets out legal requirements governing heat loss, the conservation of fuel and power and reducing carbon emissions – think of it as your project's 'carbon footprint'.

Under Part L, the whole building must be considered – not just individual elements.

WHEN REFURBISHING A PROPERTY HERE ARE SOME OF THE KEY AREAS YOU NEED TO CONSIDER TO MAKE YOUR TRANSFORMATION COMPLETE.

QUICK GUIDE TO THE GTEC SOLUTION THAT MEET ALL BUILDING REQUIREMENTS.

Our plasterboard range and drylining systems meet the practical and performance needs of all new-build and refurbishment projects.

- FIRE SOLUTIONS
- ACOUSTIC SOLUTIONS
- THERMAL SOLUTIONS
- VAPOUR SOLUTIONS
- MOISTURE SOLUTIONS
- WET AREA SOLUTIONS
- IMPACT RESISTANT SOLUTIONS

LOFT

GARAGE/OUTBUILDING

FLATS

BASEMENTS

GTEC BOARD SOLUTIONS

Siniat provides a wide range of GTEC standard, performance and specialist plasterboards for all your drylining needs.

WHERE?

- ☑ Domestic and commercial
- ☑ Metal or timber partitions
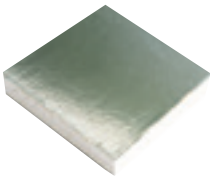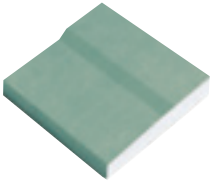- ☑ Linings, floors and ceilings

WHY?

- ☑ To meet Part B, Part E and Part L requirements
- ☑ Higher levels of protection against impact, sound, moisture and fire
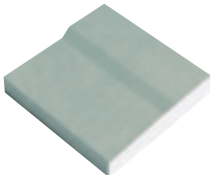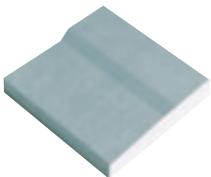- ☑ Guaranteed results when used with Siniat GTEC drylining solutions

GTEC METAL FRAMING Vs TIMBER

- ☑ Accurate dimensions
- ☑ No creeping, warp, bow or shrinkage
- ☑ Light and easy to use
- ☑ Strong and durable
- ☑ Faster to install

STANDARD BOARD SOLUTIONS	FEATURES	SIZES AVAILABLE
	GTEC STANDARD BOARD Used for internal walls, ceilings and partitions. Available with tapered or square edges in various sizes.	**Tapered Edge** 9.5 x 900 x 1800, 9.5 x 900 x 2400, 9.5 x 1200 x 2400, 9.5 x 1200 x 2700, 12.5 x 900 x 1800, 12.5 x 900 x 2400, 12.5 x 1200 x 2350, 12.5 x 1200 x 2400, 12.5 x 1200 x 2500, 12.5 x 1200 x 2700, 12.5 x 1200 x 3000, 15 x 900 x 1800, 15 x 900 x 2400, 15 x 1200 x 2400, 15 x 1200 x 2700, 15 x 1200 x 3000 **Square Edge** 9.5 x 900 x 1800, 9.5 x 1200 x 2400, 12.5 x 900 x 1800, 12.5 x 900 x 2400, 12.5 x 1200 x 2400, 12.5 x 1200 x 2700, 12.5 x 1200 x 3000, 15 x 900 x 2400, 15 x 1200 x 2400,
	GTEC PLANK GTEC Standard Board that is 19mm thick x 600mm wide.	**Tapered Edge** 19 x 600 x 2400 **Square Edge** 19 x 600 x 2400

VAPOUR SOLUTIONS	FEATURES	SIZES AVAILABLE
	GTEC VAPOUR BOARD Incorporates a metallised vapour control layer to control condensation. Suitable for linings to external walls and roofs.	**Tapered Edge** 9.5 x 1200 x 2400, 12.5 x 1200 x 2350, 12.5 x 1200 x 2400, 12.5 x 1200 x 2700, 12.5 x 1200 x 3000, 15 x 1200 x 2400 **Square Edge** 9.5 x 1200 x 2400, 12.5 x 900 x 1800, 12.5 x 1200 x 2400

MOISTURE SOLUTIONS	FEATURES	SIZES AVAILABLE
	GTEC MOISTURE BOARD For use where some moisture is a feature of the environment, such as bathrooms, kitchens and integral garages.	**Tapered Edge** 12.5 x 1200 x 2400, 12.5 x 1200 x 2700, 12.5 x 1200 x 3000, 15 x 1200 x 2400

WET AREA SOLUTIONS	FEATURES	SIZES AVAILABLE
	GTEC AQUA BOARD GTEC Aqua Board is the UK's first gypsum based board for use in high humidity and wet area applications. For areas with higher exposure to humidity such as bathrooms and wet rooms, GTEC Aqua Board is an ideal tile backing board.	**Tapered Edge** 12.5 x 1200 x 2400, 12.5 x 1200 x 2700, 12.5 x 1200 x 850, 15 x 1200 x 2400, 15 x 1200 x 3000 **Half Pallets** 12.5 x 1200 x 850, 12.5 x 1200 x 2400

FIRE SOLUTIONS	FEATURES	SIZES AVAILABLE
	GTEC FIRE BOARD Suitable for wall linings, partitions and ceilings that require superior fire performance to meet Part B Building Regulations.	**Tapered Edge** 12.5 x 900 x 1800, 12.5 x 1200 x 2400, 12.5 x 1200 x 2700, 12.5 x 1200 x 3000, 15 x 900 x 1800, 15 x 1200 x 2400, 15 x 1200 x 2700, 15 x 1200 x 3000 **Square Edge** 12.5 x 900 x 1800, 12.5 x 1200 x 2400

ACOUSTIC SOLUTIONS	FEATURES	SIZES AVAILABLE
	GTEC E BOARD A 10kg board to meet Part E Regulations. Suitable for installation with stud partitions, lining systems and ceilings especially designed for use within dwellings.	**Tapered Edge** 12.5 x 1200 x 2400
	GTEC dB BOARD Suitable for installation with stud partitions, lining systems and ceilings that require superior acoustic performance.	**Tapered Edge** 12.5 x 1200 x 2400, 12.5 x 1200 x 2700, 12.5 x 1200 x 3000, 15 x 1200 x 2400, 15 x 1200 x 2700, 15 x 1200 x 3000
	GTEC ACOUSTIC HOMESPAN BOARD Used for the construction of the Siniat GTEC Acoustic Homespan system. Meets Part E Building Regulations.	**Tapered Edge** 15 x 900 x 1800, 15 x 900 x 2400, 15 x 900 x 2700

IMPACT SOLUTIONS	FEATURES	SIZES AVAILABLE
	GTEC UNIVERSAL BOARD Suitable for wall linings, partitions and ceilings that require superior acoustic, fire and impact performance.	**Tapered Edge** 12.5 x 1200 x 2400, 12.5 x 1200 x 3000, 15 x 1200 x 2400, 15 x 1200 x 2700, 15 x 1200 x 3000
	GTEC LADURA Superior impact and pull out resistance for use in high traffic areas and extreme duty applications. Our strongest plasterboard' it also offers moisture resistance.	**Tapered Edge** 12.5 x 1200 x 2400, 12.5 x 1200 x 3000, 15 x 1200 x 2400, 15 x 1200 x 3000

THERMAL SOLUTIONS	FEATURES	SIZES AVAILABLE
	GTEC THERMAL EPS BOARD GTEC Standard Board laminated to expanded polystyrene to create a product which offers up to 21x thermal resistance of standard plasterboard*. Prevents cold spots where surface condensation could form.	**Tapered Edge** 22 x 1200 x 2400, 30 x 1200 x 2400, 40 x 1200 x 2400, 50 x 1200 x 2400
	GTEC THERMAL XP BOARD GTEC Standard Board laminated to extruded polystyrene to create a product which offers 29x thermal resistance of standard plasterboard*. Prevents cold spots where surface condensation could form.	**Tapered Edge** 30 x 1200 x 2400, 40 x 1200 x 2400, 50 x 1200 x 2400, 60 x 1200 x 2400, 70 x 1200 x 2400,
	GTEC THERMAL PIR BOARD GTEC Standard Board laminated to polyisocyanurate foam insulation to create a product which offers 44x thermal resistance of standard plasterboard*. Prevents cold spots where surface condensation could form. A vapour barrier is provided as standard to control condensation within the wall.	**Tapered Edge** 35 x 1200 x 2400, 50 x 1200 x 2400, 60 x 1200 x 2400
	GTEC THERMAL K BOARD GTEC Standard Board laminated to phenolic foam insulation to create our top performing product which offers 59x thermal resistance of standard plasterboard*. Ideal when space is crucial. Superior performance from a thinner board compared to XP and GTEC Standard Thermal Board.	**Tapered Edge** 30 x 1200 x 2400, 40 x 1200 x 2400, 50 x 1200 x 2400, 60 x 1200 x 2400, 70 x 1200 x 2400,

MEGADECO SOLUTIONS	FEATURES	SIZES AVAILABLE
	GTEC MEGADECO Pre-sealed performance board for rapid decoration, combining fire and impact resistance with acoustic insulation.	**Tapered Edge** 12.5 x 1200 x 2400, 12.5 x 1200 x 2700, 12.5 x 1200 x 3000, 15 x 1200 x 2400, 15 x 1200 x 2700, 15 x 1200 x 3000

*Percentage values quoted are a comparison of the thermal conductivity of the laminated insulation to standard plasterboard.

GTEC PLASTERBOARD SOLUTIONS

Siniat provides a range of GTEC products and drylining solutions that are designed to meet building and refurbishment requirements.

WALL LININGS

GTEC DIRECT BOND SYSTEM
For attaching standard plasterboard and GTEC Thermal boards directly onto masonry backgrounds. A quick and effective system to install with no mechanical xings required.

GTEC DRYLINER SYSTEM
Suitable for drylining both new and existing uneven masonry backgrounds, and for the concealment of services. A dry, quick and cost effective system using secure mechanical xings.

GTEC INDEPENDENT WALL LINING SYSTEM
A wall lining system designed for installation clear of existing walls.

PARTITIONS

GTEC METAL STUD PARTITION SYSTEM
An economical friction- t system to assemble frames for strong, compact and light-weight non-loadbearing partitions.

GTEC ACOUSTIC STUD SYSTEM
An enhanced Metal Stud Partition system that provides higher levels of acoustic performance, from a single frame system.

GTEC ACOUSTIC HOMESPAN SYSTEM
A lightweight, non-loadbearing Metal Stud partition system, speci cally designed to meet acoustic requirements in domestic applications.

FLOORS & CEILINGS

GTEC ACOUSTIC FLOOR SYSTEM
A free-floating, sound insulating floor system for structural joist framing. Designed as a separating floor between and within dwellings. Exceptional airborne and impact resistance.

GTEC DRYLINER CEILING SYSTEM
A quick and simple dry ceiling system providing high levels of re protection and sound reduction, and the accommodation of services. Providing a flat ceiling despite uneven timber joists.

GTEC SUSPENDED MF CEILING SYSTEM
Providing a high performance ceiling with sound insulation and re protection. MF suspended ceilings can be used to upgrade and protect existing structures.

GTEC DIRECT TO TIMBER CEILING SYSTEM
Direct to timber is the method for attaching plasterboard to the underside of timber floor and roof trusses.

GTEC BOARD SELECTOR
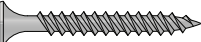
GTEC®

*   Not a typical application.
**   Not all combinations are available.

A comprehensive range of plasterboards to meet all applications

	GTEC Standard Board	GTEC Plank	GTEC Vapour Board	GTEC Moisture Board	GTEC Aqua Board	GTEC Fire Board	GTEC E Board	GTEC dB Board	GTEC Acoustic Homespan Board	GTEC Universal Board	GTEC LaDura	GTEC Thermal Board	GTEC Megadeco
	Tapered or square edges available in a wide range of sizes	19mm board for walls, ceilings and partitions	Vapour control lining for ceilings and external walls BS EN 14190	Use in bathrooms, kitchens and high moisture areas	Water and mould resistant. Used in wet and high humidity areas	When you need high levels of fire protection	Designed for use in dwellings as defined by Approved Document E Regulations	Superior acoustic performance	Superior acoustic performance	Multi-purpose, combining fire, sound and impact resistance	Multi-purpose, combining fire, sound and impact resistance	Bonded to different types of insulation to suit a variety of thermal requirements BS EN 13950	Fire, sound and impact resistance with one decorative white face with a colour matched jointing system
MEASUREMENTS**													
Thickness (mm)	9.5, 12.5, 15.0	19.0	9.5, 12.5, 15.0	12.5, 15.0	12.5, 15.0	12.5, 15.0	12.5	12.5, 15.0	15.0	12.5, 15.0	12.5, 15.0	22–70	12.5, 15.0
Width (mm)	900, 1200	600	900, 1200	1200	1200	900, 1200	1200	1200	900	1200	1200	1200	1200
Length (mm)	1800 – 3600	2400	1800, 2350, 2400, 2700, 3000	2400, 2700, 3000	850, 2400, 2700	1800, 2400, 2700, 3000	2400, 2700	2400, 2700, 3000	1800, 2400, 2500, 2700	2400, 2700, 3000	2400, 3000	2400	2400, 2700, 3000
BS EN 520: 2004 Type	A	A	A	H1	GM-F, GM-H1, GM-I (TO BS EN 15283)	D, F	D	D, I	D	D, F, I, R	D, E, F, H1, I, R	N/A	D, F, I, R
WALL LININGS													
GTEC Direct Bond	✓	✗	✗	✗	✗	✓	✓	✓	✓*	✓*	✗	✓	✓*
GTEC Dryliner	✓	✗	✓	✓	✓	✓	✓	✓	✓*	✓	✓	✓	✓
GTEC Independent Wall Lining	✓	✗	✓	✓	✓	✓	✓	✓	✓*	✓	✓	✓	✓
GTEC Linings to Timber Frame	✓	✓*	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓
PARTITIONS													
GTEC Metal Stud Partitions	✓	✓	✗	✓	✓	✓	✓	✓	✓*	✓	✓	✗	✓
GTEC Acoustic Homespan	✗	✗	✗	✗	✗	✗	✗	✗	✓	✗	✗	✗	✗
GTEC Timber Stud Partitions	✓	✓	✗	✓	✗	✓	✓	✓	✗	✓	✓	✗	✓
FLOORS & CEILINGS													
GTEC Acoustic Floor	✗	✓	✗	✗	✗	✓	✗	✓	✗	✓*	✓*	✗	✓*
GTEC Dryliner Ceiling	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓*	✓*	✓	✓
GTEC Suspended MF Ceiling	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓*	✓*	✓	✓
GTEC Direct to Timber Ceiling	✓	✓*	✓	✓	✓*	✓	✓	✓	✗	✓*	✓*	✓*	✓

SCREW SELECTION GUIDE

All Siniat Drywall Screws are CE marked and compliant with BS EN 14566.

PLASTERBOARD	SUBSTRATE		
	RX / B GAUGE	W / Y GAUGE	TIMBER
GTEC Standard Board GTEC Vapour Board GTEC Moisture Board GTEC Contour Board GTEC Fire Board GTEC E Board GTEC dB Board GTEC Acoustic Homespan Board	GTEC SELF TAPPING	GTEC SELF DRILLING	GTEC HIGH THREAD
GTEC LaDura GTEC Megadeco GTEC Universal Board	GTEC PERFORMANCE SELF TAPPING	GTEC SELF DRILLING	GTEC HIGH THREAD
GTEC Aqua Board GTEC Render Board	GTEC WET AREA SELF TAPPING	GTEC WET AREA SELF DRILLING	GTEC WET AREA HIGH THREAD

METAL	SUBSTRATE	
	RX / B GAUGE	W / Y GAUGE
RX / B Gauge	WAFER OR PAN HEAD SCREW SELF TAPPING	WAFER OR PAN HEAD SCREW SELF DRILLING
W / Y Gauge	WAFER OR PAN HEAD SCREW SELF DRILLING	WAFER OR PAN HEAD SCREW SELF DRILLING

Point types

Self Tapping

High Thread Self Tapping

Self Drilling

2 STEPS TO CHOOSING YOUR FINISHING & JOINTING COMPOUNDS

1 - Select preferred method of application

2 - Choose your required performance level

STEP 2: PERFORMANCE	STEP 1: APPLICATION*		
	TRADITIONAL 3 STAGE PROCESS		2 STAGE PROCESS - greater workability & faster completion time
	Stage 1 & 2: Bedding	Stage 3. Finish Coat	Stage 1 & 2. Bedding & 2nd Coat
ECONOMY where value is important.	Trade Joint Filler	Trade Joint Cement	Trade Ready-Mix
BEST FINISH low shrinkage, easy to sand, great finish.	Joint Filler Xtra	Joint Cement Xtra	Smartmix Xtra
FASTEST where 90 minute set time allows same day completion.	Easy Finish	Easy Finish	Easy Finish
WATER RESISTANCE for GTEC AQUA system.	–	–	Aquamix
DECO SYSTEM for superior acoustic, fire and impact performance. Use with GTEC Megadeco only.	Deco Filler	Deco Joint Cement	Deco Joint Cement
DECO MACHINE for superior acoustic, fire and impact performance. Use with GTEC Megadeco in taping tools only.	–	–	Deco Machine

* Application method may be affected by the quality of board installation. Low quality board installation can require 3 step process to achieve a quality finish.

siniat

Shaping the way people build

GB ORDERLINE
For placing orders, delivery enquiries and
local stockists etc.
T   0800 373636
F   01275 377700
E   orderline@siniat.co.uk

LITERATURELINE
For Siniat literature.
T   01275 377582
F   01275 377402
E   literatureline@siniat.co.uk

TECHNICAL ENQUIRYLINE
Technical advisory service.
T   01275 377789
F   01275 377456
E   enquiryline@siniat.co.uk

IRELAND ORDERLINE
For placing orders, delivery enquiries and
local stockists etc.
T   +353 (0)1 6203114
F   +353 (0)1 6203117
E   irelandorders@siniat.com

TECHNICAL TRAINING CENTRE
For all drywall training needs from basic
introduction to advanced skills and development.
T   01275 377581
F   01275 377402
E   training@siniat.co.uk

GTEC® WASTELINE DIRECT
Plasterboard waste management enquiries.
T   01275 377579
F   01275 774950
E   gtecwasteline@siniat.co.uk

SINIAT LIMITED
Marsh Lane, Easton-in-Gordano
Bristol BS20 0NF
T +44 (0) 1275 377773
www.siniat.co.uk

SINIAT LIMITED
Unit 38, Fonthill Industrial Park
Clondalkin, Dublin 22
T +353 (0) 1626 1603
www.siniat.com

breeam
responsible sourcing

Certi cate No.
FM 13594

Certi cate No.
EMS 75024