



The skirting board that *heats* your home...



Benefits of using the system



True radiant heat

Minimal air movement and drafts create real comfort.



Energy efficient

Even, all-around heat uses less energy yet provides real warmth.



Fast and responsive

No under heating or over heating.



Simple installation

Installed with minimal disturbance or modification to your home.



Works with any floor finish

Carpet, laminate, timber, vinyl with equal performance.



Free up wall space

Create a more spacious and versatile environment.

The **smart** alternative to storage heaters, panel radiators and underfloor heating.





Feel

the difference...



The skirting board that *heats* your home...

Imagine a home without radiators. Imagine a home where you can decide the layout and arrange the furniture however you want. Imagine a controllable, comfortable, energy efficient heating system that responds in minutes, and yet works just as well with any floor covering or finish.

ThermaSkirt is radically simple, innovative and proven room heating system that combines the heating into a stylish, sleek and unobtrusive skirting board. No more storage heaters, no more panel radiators and no more underfloor heating.

Available in both H₂O ('wet' or hydronic), and 'e' (direct electric) versions, ThermaSkirt is a simple installation onto any suitable central heating system or electrical heating circuit, whether the project is a new build apartment or a refurbished Manor House. Heating from low-level, and from all-around the room is a proven way to save energy without sacrificing comfort. No drafts, no hot spots and no under-heating - whatever the floor construction or finish.

With more than 30,000 systems installed WorldWide, ThermaSkirt is the No1 alternative to radiators and underfloor heating.

ThermaSkirt: *The Worlds' Smartest Heating System.*



When installed by our trained engineers, ThermaSkirt will give you a no quibble 10 year parts warranty against manufacturing defect.

THE SIMPLE, SAFE AND
ENERGY EFFICIENT SOLUTION



ThermaSkirt Systems have been evaluated and tested by some of the world's leading Institutes for it's efficiency, performance, reliability and safety.

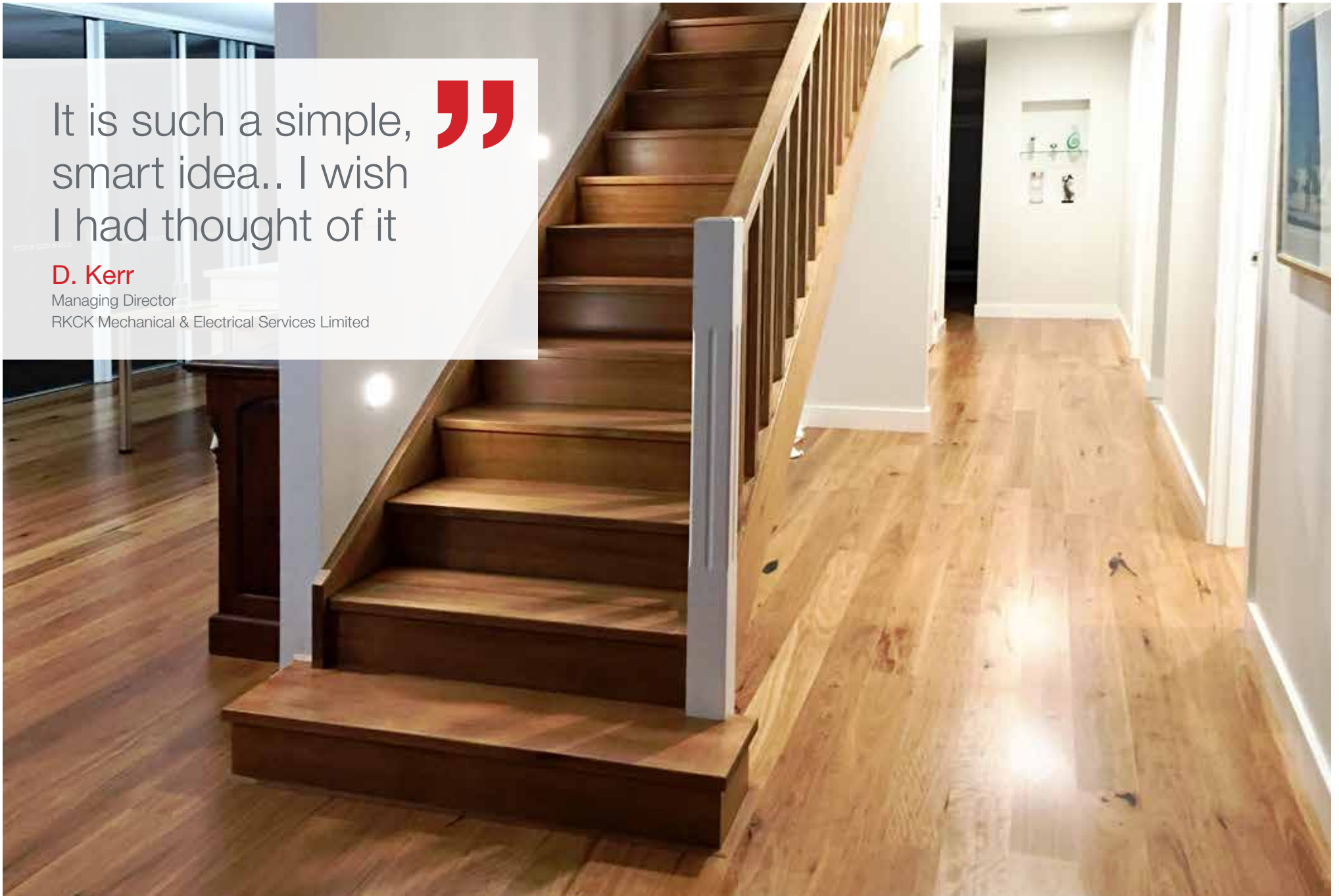
It is such a simple,
smart idea.. I wish
I had thought of it

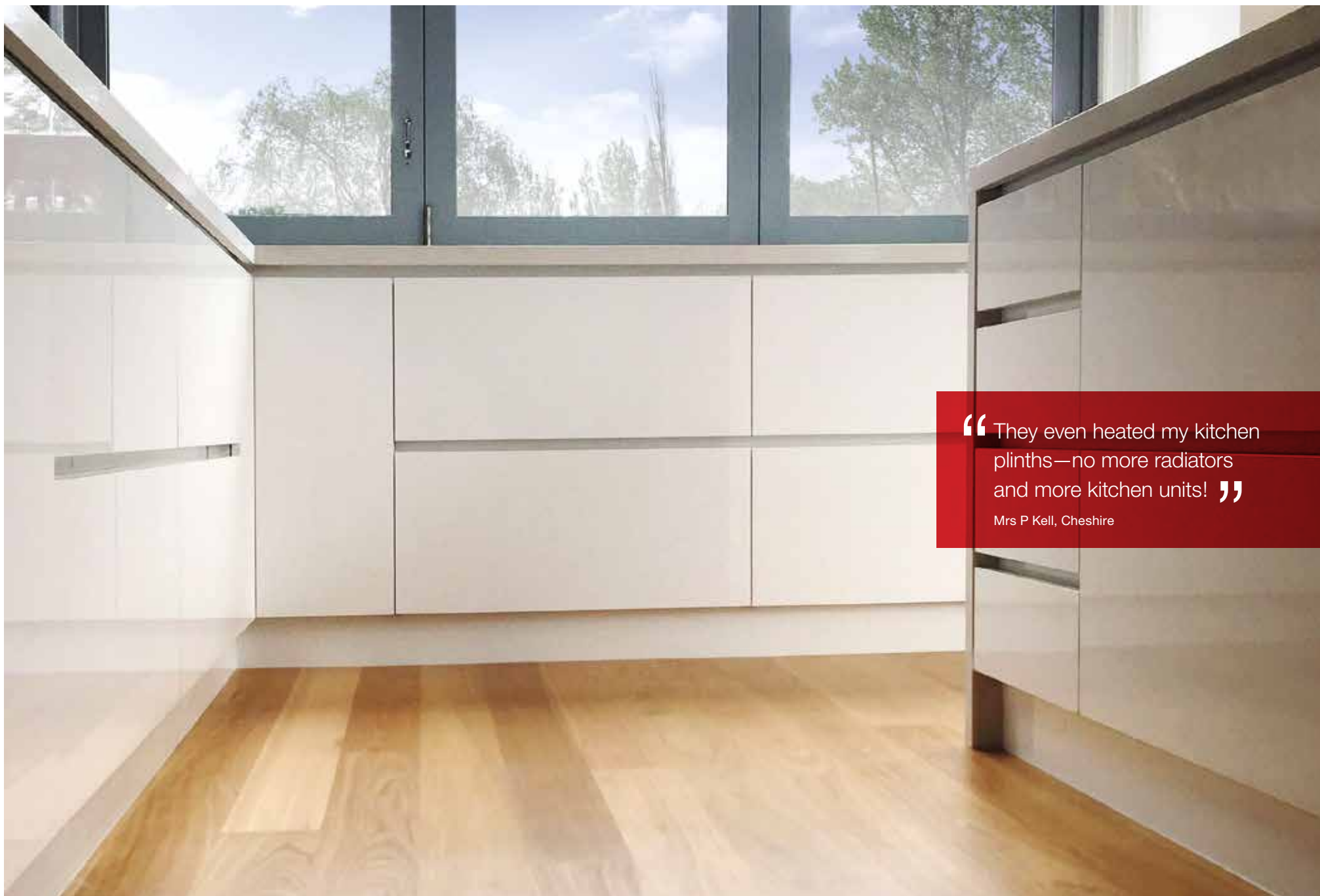


D. Kerr

Managing Director

RKCK Mechanical & Electrical Services Limited





“ They even heated my kitchen plinths—no more radiators and more kitchen units! ”

Mrs P Kell, Cheshire



Shown: EasyClean EC2



Shown: Classic TS



Shown: Deco BM

Create the room you want and the look you desire

Whether it's a kitchen diner, bedroom or basement, living room or loft Thermaskirt creates valuable wall space by removing the radiators – without disturbing your floors.

Just imagine; extra kitchen units or fitted bedroom furniture where the radiator used to be, a sofa where everyone can enjoy the TV, or just more space to roam around.

Saying bye-bye to your bulky storage heaters or replacing your panel radiators, doesn't mean you have to take up the floor coverings to install underfloor heating.

Thermaskirt can either connect straight onto any conventional plumbing system or any suitable electrical heating circuit and simultaneously provides a freshly painted new set of skirting boards that are durable, versatile and energy efficient.

ThermaSkirt h₂O is available in a wide range of profiles and colours. With integral oval pipes ThermaSkirt h₂O will work with any primary heat source of hot water; boilers (gas, oil), wood pellet and bio mass and renewables such as heat pumps and solar assisted systems.

Thermaskirt e is available with a range of interchangeable top profiles to completely change the look from room to room.

Provided as standard in a smart, modern Deco pencil round profile, Thermaskirt e can be transformed in no time at all into a traditional Torus profile, a stylish Lambs Tongue, an easy-to-clean Bull nose or a stately Ogee profile.

Special colours, sizes and top profiles are available for volume project orders.



Central heating skirting

A highly efficient alloy polymer composite provides exceptional radiant heating efficiency, whatever the floor construction and covering.



Future proof

Flexible top gasket seal eliminates any caulking and filling and makes redecoration easy.

Easy to install

Cuts with conventional power tools and fitted 'above ground'; enables rapid and trouble free installation.



The details

Connects onto a conventional wet heating system, 15 or 16mm Feed & return. Simple retrofit and straight forward new design & build.



Colour matched internal corner cover - available in 90°, 135° and other angles are available to order

Fully fitted profile

KEY POINTS

Connections

1. Push fit connectors with double Viton O rings create a perfect seal with no soldering, glues or sealants

Retaining clip

2. Retaining clips retain the connectors, withstanding pressures of up to 15bar

Return manifold

3. Return manifold returns the flow back to the beginning providing even heat all along the length as well as draining and bleeding options.

Standard external corners available in 90° and 225° - other angles are available to order

The finish

All skirting panels and covers pre finished in a tough, durable epoxy powder coat paint finish. No painting required and no brush marks.

Versatile

Removable bottom cable cover allows discreet installation of data and AV cables and can be trimmed to suit uneven floors.

No fuss

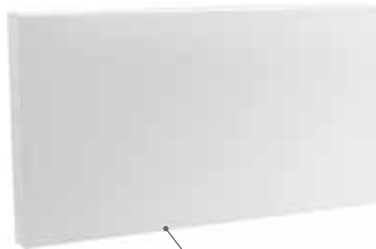
Mounts to the wall with secure, adjustable brackets that allow for uneven walls.





Electric skirting heating

Unique self regulating heating element uses less energy as the room heats up and will not overheat even if covered by insulating materials.



Start, end and intermediate covers manufactured from sturdy stainless steel.

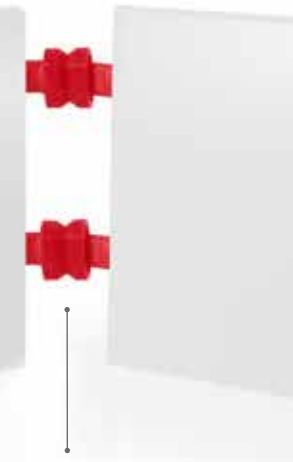
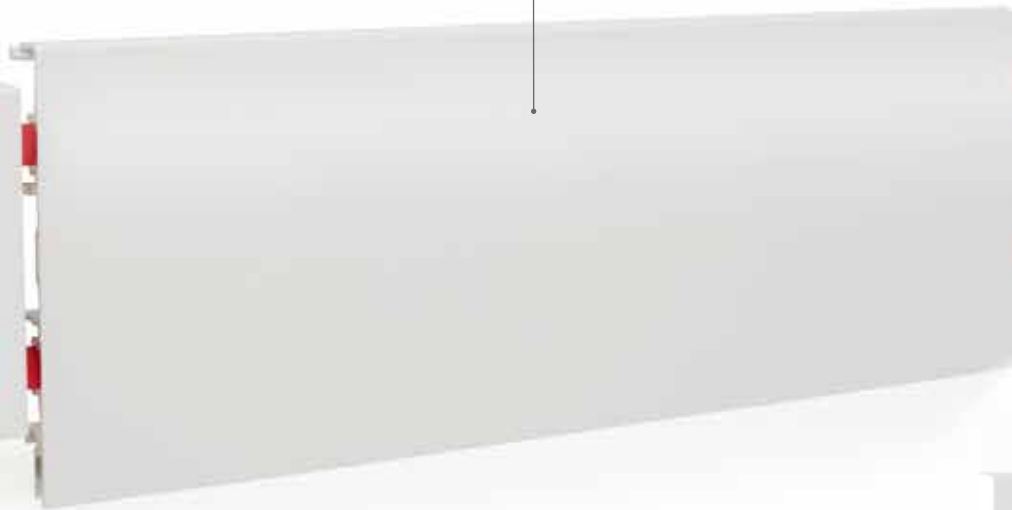


Ease of installation

PCB connection housed in standard double back box for ease of installation. Connects onto a conventional electric heating circuit and controlled room-by-room by it's own Thermostat

Easy to install

Cuts with conventional power tools and fitted 'above ground'; enables rapid and trouble free installation.



Colour matched internal corner cover - available in 90°, 135° and other angles are available to order

Fully fitted profile

KEY POINTS

Flooring

Works just as effectively and efficiently with any construction or covering. Beam & block, tiles and carpet, wood or laminate.

Electrics

30mA, Type C RCBO or RCD unit is all that's needed to provide a suitable circuit.

Controls

Wired, wireless and even smart phone enabled available.

Standard external corners available in 90° and 225° - other angles are available to order

Neat finish

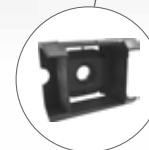
Flexible top gasket seal eliminates any caulking and filling and makes redecoration easy.

Minimum connections

Available in up to 6m lengths, most walls done in a single length for aesthetic perfection. In line covers available for longer walls.

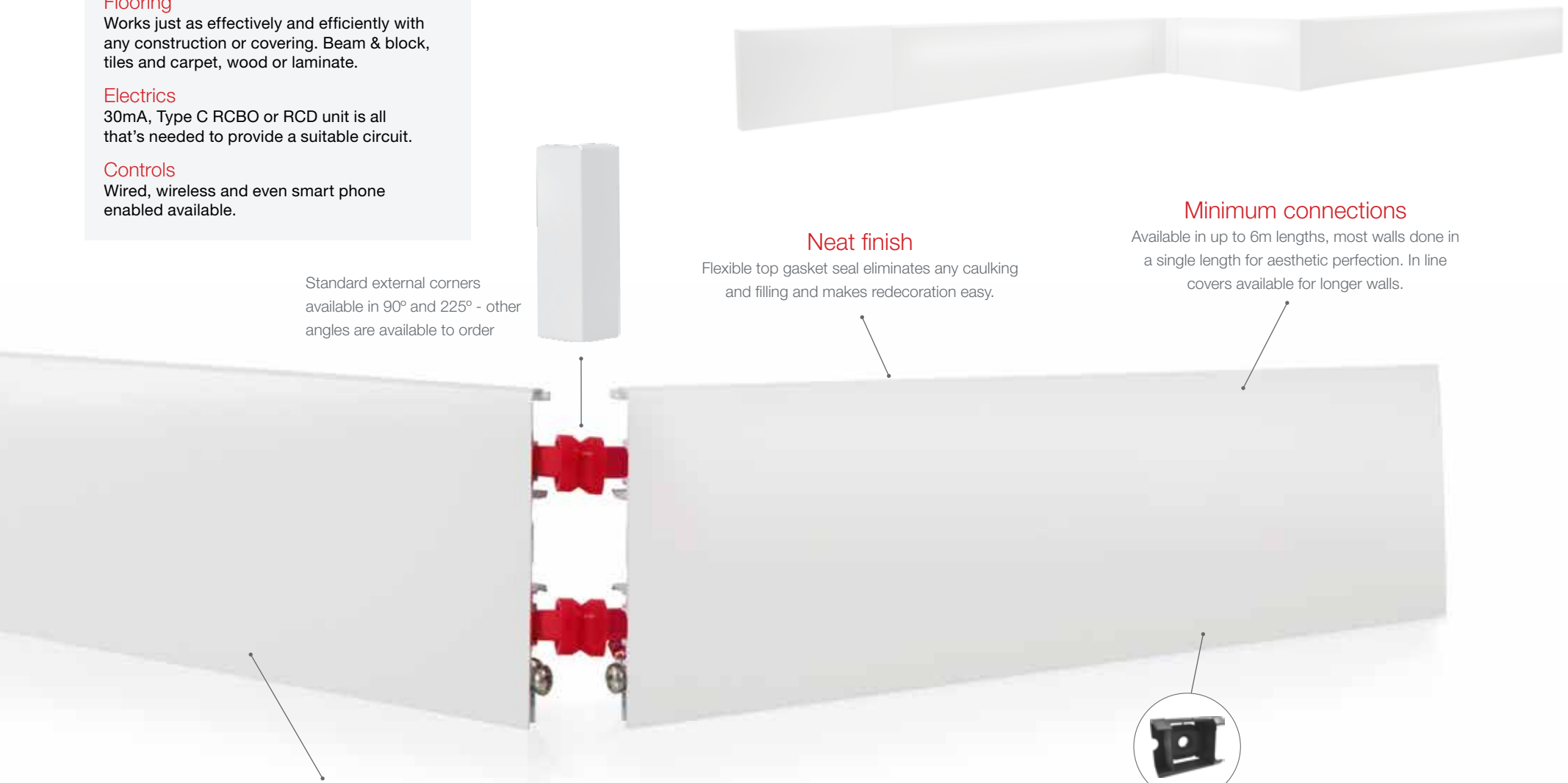
The details

All skirting panels and covers pre finished in a tough, durable epoxy powder coat paint finish. No painting required and no brush marks.



No fuss

Mounts to the wall with secure, adjustable brackets that allow for uneven walls.



The profiles



Deco BM

- 115mm/4.5" or 170mm/7" high profile
- Simple, stylish square edge profile
- Ideal for modern apartments and kitchen plinth heating
- Also available in 3 pipe for higher heat output (BM3)



Urban LT

- 150mm/6" high profile
- Removable and trimmable bottom cable cover
- Suitable for modern and contemporary housing



Classic TS

- 150mm/6" high profile
- Super slim 20mm profile that can be painted over
- Matches the most popular skirting profile in the UK



Regency OG

- 200mm/8" high profile
- High heat output per metre
- Suitable for older style Georgian and Victorian properties



MATERIALS

Skirting: Aluminium polymer alloy

Connectors: Reinforced glass nylon

Paint finish: Epoxy powder coat

APPROVALS AND WARRANTY

CE Marked to BS EN 442-1

Tested by BSRIA, TUV and KTH

10 year warranty: Aluminium friendly inhibitor required

SPECIFICATIONS

Operating pressure: Typically 2-3 bar

Max testing pressure: Typically 10 bar

Max operating length: Typically 20-25m per 15/16mm feed

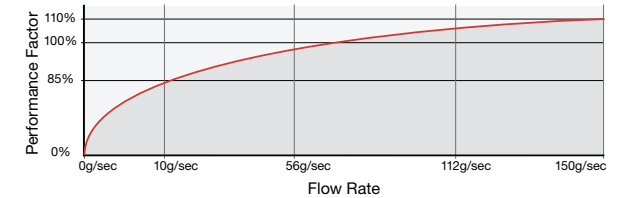
Technical specifications

BS EN 442-1:2014



Profile	Flow rate	Flow temp Vs W/m					
		72°C (ΔT_{50})	45°C	50°C	55°C	65°C	75°C
DECO BM2	56-80 gm/s	134	53	66	80	105	143
URBAN LT	56-80 gm/s	148.5	59	73	88	124	159
CLASSIC TS	56-80 gm/s	148.5	59	73	88	124	159
REGENCY OG	56-80 gm/s	171	68	84	101	141	183
DECO BM3	56-80 gm/s	197	80	98	119	166	215

PERFORMANCE VS FLOW RATE



PATENTED DESIGN

Only ThermaSkirt H₂O has the patented oval pipe to give exceptional performance across the temperature range with low flow resistance in such a slim profile.



Take control...

Complete choice of Thermostat and room control systems

ThermaSkirt H₂O will work with virtually any central heating/flow control systems including NEST, Hive, EVO Home and many other proprietary manufacturers equipment.

Discrete Heat also have a complete range of Thermostat controls, including mechanical, electrical, electronic wireless and even smart phone enabled: ask for more details.

ThermaSkirt e is available with both hard wired or wireless room thermostat system such as the Thermiser TME3E shown here.

Contact us on 01942 880 066 or email us at info@discreteheat.com



The profiles



Deco BM^e

- Simple, stylish pencil round design
- Ideal for new build apartments & kitchen plinths
- Available in 2 or 3 channel versions
- Up to 185 w/m



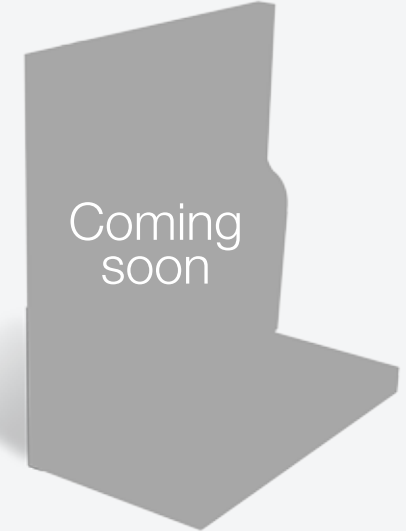
Classic TS^e

- Additional top capping creates a whole new look
- Matches most popular skirting profile in the UK
- Available in 2 or 3 channel versions
- Up to 185w/m heat output



EasyClean EC^e

- Bullnose top capping creates a hygienic and easy to clean profile
- Ideal for kitchens, bathrooms and utility rooms
- Available in 2 or 3 channel versions
- Up to 185w/m heat output



Regency OG^e

- Stylish, period additional top suitable for Victorian and Georgian properties. Available in 2 & 3 channel versions from Jan 2017

Technical specifications



MATERIALS

Skirting: Aluminium polymer alloy
Covers: 316 stainless steel
Paint finish: Epoxy powder coat

APPROVALS

CE Marked to Low Voltage Directive
 Tested to EN 60335-2-30 (Room Heaters)
 EMC Test Certificate No C106457

ELECTRICAL RATING

Supply: 20-240vAC
Inrush: Typically 1.2 A/m at 10°C
Protection: Type C 30mA RCBO to IEC 60898



Deco BM^e2

Op temp 220-240vAC	Heat output 220-240vAC	Room start up temp	Recommended max. Skirting lengths (m) Vs Type C RCBO circuit rating			
			10A	16A	20A	32A
40-45°C	50~65w/m	@10°C	30m	40m	50m	70m
55-65°C	85~95w/m	@10°C	20m	30m	40m	60m
65-70°C	115~125w/m	@10°C	15m	24m	30m	50m



Deco BM^e3

Op temp 220-240vAC	Heat output 220-240vAC	Room start up temp	Recommended max. Skirting lengths (m) Vs Type C RCBO circuit rating			
			10A	16A	20A	32A
40-45°C	80~95w/m	@10°C	20m	30m	40m	60m
55-65°C	120~140w/m	@10°C	15m	20m	25m	35m
65-70°C	160~180w/m	@0°C ¹	10m	16m	20m	32m

¹ Soft start units available for longer lengths. Details on request.

Your authorised distributor/installer



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