

# ProofShield® insulating render/plaster system

The easy to use, quick and effective insulation solution

## EXTERNAL

- Available in 15kg bags
- Coverage per bag at recommended 20mm: 2.2m<sup>2</sup>
- Manual or spray pump application
- Finish with *ProofDeco Mineral Coating* for a tough, waterproof solution

## INTERNAL

- Available in 20Kg bags
- Coverage per bag at recommended 20mm: 2.2m<sup>2</sup>
- Manual or spray pump application
- Finish with *ProofDeco Mineral Coating* for a tough, waterproof solution

## FLOOR SCREED

- Available in 20Kg bags
- Coverage per bag at recommended 10mm: 4.6m<sup>2</sup>
- Manual or spray pump application
- Tough durable finish. No finish coat required

### Performance figures for ProofShield External and Internal thermal plaster

#### INSULATION PERFORMANCE

Test Parameter	Method of Test	Value	Comment
Thermal conductivity W/m.K	EN 1745:2002, 4.2.2 EN 998-1 2011	T1	Highest possible rating

#### VAPOUR PERMEABILITY

Test Parameter	Method of Test	Value	Comment
Water vapour permeability	EN 1015-19:2000/A1:2006	6.18	Highly breathable

#### REACTION TO FIRE

Test Parameter	Method of Test	Value	Comment
Reaction to Fire classification	EN 13501-1 EN ISO 1182 EN ISO 1716	A1	Inert and non-flammable

100%  
natural eco  
insulation

Dedal  
Attestation &  
Certification



Manufactured to EN 998-1

ProofShield®  
INSULATE AND PROTECT

#### ProofShield Limited

The Business Terrace  
King Street  
Maidstone  
Kent ME15 6JQ  
United Kingdom

Tel: +44 (0)1622 535009  
Email: hello@proof-shield.com

Registered in England & Wales 11131765

INSULATING RENDER SYSTEM

EXTERNAL WALL

INTERNAL WALL

FLOOR SCREED

ProofShield®  
INSULATE AND PROTECT

## Advanced building insulation and protection systems



Warm in winter, cool in summer.

*ProofShield* is a high-performance thermal render and plaster system. Its advanced, lightweight formula provides exceptional thermal insulation, vapour permeability and sound-deadening whilst being entirely fireproof.







# Effective insulation for external and internal walls and floors



## Insulating

*ProofShield* is a single coat insulating render/plaster for internal and external walls and floors which is both lightweight and extremely efficient as an insulator. At industry leading application rates of just 20mm, *ProofShield* achieves the highest possible classification category for insulating plaster (T1) with a thermal conductivity rating of 0.07W/m.K

## Breathable

*ProofShield* is vapour permeable, allowing your building to breathe naturally and avoid the problems of trapped damp in sub-structures.

## Fire resistant

*ProofShield* is made from inert minerals and will not burn or release noxious fumes even at the highest temperatures. It therefore achieves the highest possible rating for fire resistance.

## Sound deadening

*ProofShield* is a natural acoustic insulation product thanks to the millions of open and closed air bubbles in its mineral insulating component. High frequency noise is effectively filtered and dissipated creating an acoustic shield effect.

## Low cost

Achieve extraordinary insulation values with one quick and simple coat of *ProofShield* insulating render/plaster. Lower material cost than any other insulation system and significantly less labour cost.

## Energy saving

The logical energy saving solution for new-build and retrofit projects. *ProofShield* effectively reduces heat loss through walls and floors, reducing heating costs and CO2 emissions.

