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Technical Data Sheet 603

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BD6 LIMPET ARMOURING COMPOUNDS

FABRICANT :

THERMICA LIMITED
THEMEWORK HOUSE
VULCAN STREET
CLOUGH ROAD
HULL HU6 7PS

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1. DESCRIPTION

A range of reinforced armouring compounds for application over a variety of insulation materials. They are supplied in dry form for mixing with clean water on site, and, when set, give a tough surface suitable for painting. They are manufactured from selected cementitious binders, minerals and inorganic fillers with mineral wool and other reinforcements. The limpet products are asbestos free.

Limpet BD6 : Self-setting cements for internal, external and marine use as a protective layer over calcium silicate and all mineral wool insulants. They do not require heat for setting. Self-setting cements are not impervious to water and hence should be protected by a flexible weatherproof coating for all external applications.

2. DENSITY

After drying, applied density is approximately:

	Density kg/m ³
Limpet BD6	1200



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3. COVERAGE

Typical coverages are :

	m ² /tonne
Limpet BD6	248 at 3mm thickness
	124 at 6mm thickness

4. FIRE PERFORMANCE

All three products are rated « Non-combustible » to BS 476 Part 4 : 1970. They comply with the performance requirements of Class "0" as defined in the Building Regulations.

5. LIMITING TEMPERATURE

	°C
Limpet BD6	175

6. THERMAL CONDUCTIVITY

Finishing compositions are not specifically manufactured as thermal insulants, but where it is required to know their thermal resistance for calculation purposes, the following values should be used :

Thickness (mm)	Thermal Conductivity (W/mK)	Thermal Resistance (m ² K/W)
3	0.2	0.015
6	0.2	0.030
12	0.2	0.060

7. STANDARDS

All products conform to BS 3958:Thermal Insulating Materials, Part 6:1972 (1980) Finishing materials; hardsetting composition, self-setting cement and gypsum plaster.

For additional application information refer to :

BS 5422: 1990: Method for specifying thermal insulating materials on pipes, ductwork and equipment.

BS 5970: 1992: Code of practice for thermal insulation of pipework and equipment.



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8. SHELF LIFE

	Months, dry state
Limpet BD6	12

9. DIMENSIONS

All products are packed in strong polyethylene sacks of nominal weight 25kg.

10. PRICE UNIT

Per tonne (40 sacks)
See price list

11. PACKAGING

All products are normally supplied on pallets containing 40 sacs = 1000 kg, but on request can be supplied loose loaded in containers.

12. TECHNICAL ADVICE

A technical advisory service is available to discuss any potential application of our products. Please contact +44(0)1482 3487 71 (Thermica UK) or +32(0)69 77 83 20 (Nestaan Belgium).