

*Supplying the Rigorous Demands
of 21st Century Construction and
Engineering Industries*



Kitsons Thermal Supplies...
*the Specialist Distributor of
High Temperature Insulation Materials*

Kitsons 
THERMAL SUPPLIES
an  company



CERAMIC FIBRE BLANKETS

Fiberfrax® Durablanket® S
 Fiberfrax® Durablanket®
 Fiberfrax® Durablanket® Z
 Fiberfrax® Durablanket® WR
 Fiberfrax® Durablanket® SF
 Fiberfrax® Durablanket® AC
 Fiberfrax® SP Mat™

Kaowool™ Blanket S
 Kaowool™ Blanket Ssr
 Cera™ Blanket
 Cera™ Chem Blanket
 Cera™ Chrome Blanket
 Cera™ Blanket AC1 & 2
 Maftec Blanket

TYPICAL BLANKET APPLICATIONS

- Investment casting mould wraps
- Kiln and furnace linings
- Turbine insulation
- Kiln car insulation
- Fire protection systems



SOLUBLE FIBRE BLANKETS

Insulfrax® S Blanket
 Insulfrax® SF
 Insulfrax® WR
 Isofrax® 1260 Blanket

Superwool™ 607™ Blanket
 Superwool™ 607™ Max Blanket
 Superwool™ HT Blanket
 Firemaster™ Blanket 607™

OTHER BLANKETS

Saffil HDM
 Silica Blankets
 Needled Glass Mat

GENERAL SPECIFICATIONS FOR BLANKET

- Temperature range up to 1600c
- Thickness 6, 13, 19, 25, 38, 50mm
- Densities 64, 96 and 128kg/m³

MARINE AND FIRE PROTECTION CERTIFICATE

A30, A60, H60, H120 available on certain products



CERAMIC FIBRE PAPERS

Fiberfrax® DS Paper
Fiberfrax® FT Paper
Fiberfrax® 880 paper
Fiberfrax® P Paper
Fiberfrax® IG Tape

Kaowool™ 1260 Paper
Kaowool™ 1260 WP Paper
Kaowool™ 1400 Paper
Kaowool™ 1600 Paper
Kaowool™ 1260 Ceramic Felt
Kaowool™ Flexi-Felt

TYPICAL PAPER APPLICATIONS

- High temperature gaskets
- Induction furnace insulation
- Back-up insulation in launder systems

SOLUBLE FIBRE PAPERS

Insulfrax® FT Paper
Insulfrax® DS Paper
Isofrax® 1260 Paper

Superwool™ 607 Paper
Superwool™ 607 Max Paper

OTHER PAPERS

Thermatex 500
Thermatex 850
ER-Glass Paper
Saffil Paper
Mica Paper

GENERAL SPECIFICATIONS FOR PAPER

- Temperature range up to 1600c
- Thickness range 1mm – 10mm
- Flexible and easy to cut



CERAMIC FIBRE VACUUM FORMED PRODUCTS

Vernaform RCF
1260, 1400, 1500, 1600, 1700
Vernamet (Foundry Products)

SOLUBLE FIBRE VACUUM FORMED PRODUCTS

Insulfrax® Rigiform/Flexiform

Vernaform CSF 1000, CSF 1200,
MSF 1260c

CERAMIC BULK FIBRES

Chopped, Unchopped, Washed,
Lubricated and Engineered

Kaowool™ Bulk Fibre Standard
Kaowool™ Bulk Fibre Zirconia

SOLUBLE BULK FIBRES

Insulfrax® Bulk Fibre

Superpak 607™ Bulk Fibre
Superpak 607™ Max Bulk Fibre
Superwool™ 607™ HT Bulk

CERAMIC FIBRE LAUNDER SECTIONS

Various compositions
Fiberfrax® Fraxform 90/50

Vernaform

SOLUBLE FIBRE LAUNDER SECTIONS

Insulfrax®



CERAMIC FIBRE MODULES

Veneer or Fixed
Fiberfrax® Prismo-Block S/Z/MX
Fiberfrax® Bonded Modules S/Z/Max/1500

Pyro-Bloc™
Thermo Bloc
Pyro Fold
Pyro Stack

CERAMIC FIBRE FELTS

Fiberfrax® Durafelt™ LD
Fiberfrax® Durafelt™ HD
Fiberfrax® Durafelt™ Z
Fiberfrax® Durafelt™ 1500
Lo-Con Felt™
Fiberfrax® Moist Pak™/Moist Pak™ HD

Cera™ Felt
Kaoclad (Moist Felt)

Vernaflex RCF
1260, 1400, 1500, 1600, 1700

SOLUBLE FIBRE MODULES

Isofrax® 1260 Modules

Superwool™ 607™ Modules
Superwool™ 607™ HT Modules

SOLUBLE FIBRE FELTS

Insulfrax® Felt

Superwool™ 607™ Felt
Superwool™ 607™ Max Felt
Superwool™ 607™ HT Felt
Firemaster™ Expanding Firefelt

Vernaflex CSF 1000,
CSF 1200, MSF 1260c

CERAMIC FIBRE BOARDS

Fiberfrax® Duraboard® LD
Fiberfrax® Duraboard® MD
Fiberfrax® Duraboard® 1300/1500/1600
Fiberfrax® Duraboard® CT/KT/1010

Kaowool™ Board 1260
Kaowool™ Board 1260 Strong
Kaowool™ Board 1400
Kaowool™ Board 1600
Cera™ Board 100
Cera™ Board 115

Vernaboard RCF
1260, 1400, 1500, 1600, 1700

TYPICAL BOARD APPLICATIONS

- Furnace linings
- Hot gas duct linings
- Refractory backup

SOLUBLE FIBRE BOARDS

Insulfrax® Board
Isofrax® 1260 Board

Superwool™ 607™ – 75 Board
Superwool™ 607™ – 85 Board
Superwool™ H Board 607™
Superwool™ LTI Board 607™
Superwool™ INO Board 607™
Superwool™ 607™ HT Board
Superwool™ 607™ VF Board
Superwool™ 607™ VF Max Board
Superwool™ 607™ HT VF Board
Firemaster™ Board 607

Superwool™ Blok 607 (800,1000,1100)

Vernaboard CSF1000, CSF1200, MSF 1260c

GENERAL SPECIFICATIONS FOR BOARD

- Temperature range up to 1700c
- Thickness range from 3mm to 100mm
- Speciality boards also available

CERAMIC FIBRE MASTICS

Fiberfrax® Mastic™
Fiberfrax® HD Mastic™
Fiberfrax® LDS Moldable®
Fiberfrax® Fraxfil™/Fraxfil™ H

Kaofil Mastic Fibre
Kaowool™ Mastic

Vernaplas F, Vernaplas HS, Vernaplas LS

TYPICAL MASTIC APPLICATIONS

- Trough linings for molten aluminium
- Patching around burner blocks
- Coating for metal liners

SOLUBLE FIBRE MASTICS

Insulfrax® Mastic
Insulfrax® Pumpable Mastic
Isofrax® Moldable Mastic
Isofrax® Pumpable Mastic

Superwool™ 607™ HT Mastic

Vernaplas SF, Vernaplas SFLS, Vernaplas SFHS

GENERAL SPECIFICATIONS FOR MASTIC

- Temperature up to 1260c
- Shelf life - 6 months
- Pumpable types available
- Tubs and cartridges

COATINGS/MIXES/CEMENTS

Fiberfrax® QF 180™ White/Blue
Fiberfrax® QF 150™ White
Fixwool® Rigidizer WFP/D15
Fiberfrax® Variform™ B
Fiberfrax® KUB™



Hardener (Kaowool™)
Hardener (Superwool™)
Kaowool™ White Cement



Vernacoat 1400, 1500, 1600

MORTARS/ADHESIVES/CEMENTS

Battifix G
Blakite Mortar
HT Cement
M009 Mortar
Triset Cement
Kaowool™ Veneering Cement



BR5 (wet/dry)
BR6 (wet/dry)
AT Cement
Rockset
Silroc

Alumina 45 (wet/dry)
Pyruma 1SLM
Pyruma 1A (wet/dry)
Kos Fire Cement



Fixwool® Adhesive range
Fixbond Adhesive

Vernafix 1200, 1400, 1500, 1600

INSULATING FIREBRICKS (IFB's)

JM® Range (23,26,28,30)

TC Range (130,135)

K™ Range (23)

TJM (23,26,28)

IFB (23,25,26,28,30,32)

Moler Bricks



TYPICAL IFB APPLICATIONS

- Back up insulation for furnaces
- Hot face linings for hobby kilns
- Flue insulation
- Anode baking furnaces

GENERAL SPECIFICATIONS FOR IFB

- Temperature up to 1760c
- Lightweight
- Low heat storage
- Low thermal conductivity

FIRECLAY AND HIGH ALUMINA FIREBRICKS

38% Alumina

42% Alumina

60% (Sillimanite or Andalusite)

Bauxite Range (HA 70, 75, 80%)



TYPICAL FIRECLAY BRICK APPLICATIONS

- Furnace and incinerator lining
- Torpedo ladle back up lining
- Coke oven lining

GENERAL SPECIFICATIONS FOR 42% ALUMINA FIRECLAY BRICK

- High cold crushing strength
- Low iron content
- Low apparent porosity



OTHER BRICKS

Acid Resistant Bricks

Alumina Magnesia Carbon Bricks

Magnesia Carbon Bricks

Magnesite Bricks

Silica Bricks

Silicone Carbide - Carbofrax Range

Zircon and Zircon Mullite Bricks

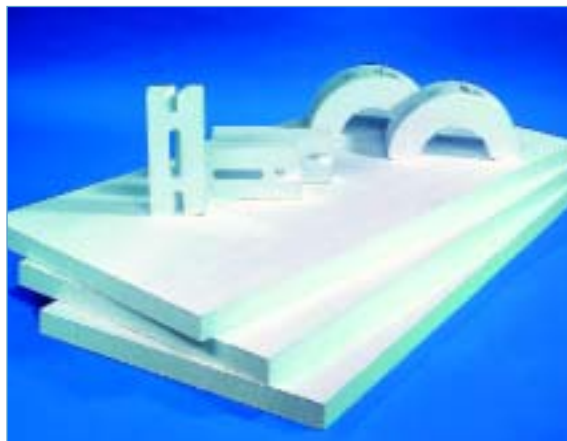
TRI-MOR™ MONOLITHIC REFRACTORIES

Insulating Grades
Dense Grades
Gunning Grades
Plastics
Castable Plastics
Gunning Plastics
Dry Ramming
Low Cement Castables
Easy Flow Castables
Low Cement Gunning Grades
Aluminium Contact



CALCIUM SILICATE

Promasil 1000 Pipe Section
Gentherm 650 Pipe Section
Insulite 1050 Pipe Section
Promasil 1000/1100 Slab
Gentherm 650 Slab
Insulite 1050 Slab
Radiused and Bevelled Segments



FINISHING AND INSULATING COMPOUNDS

Superset AC1
Hardset
Superplastic
Armorset
Thermaset
Calsilplastic

MICROPOROUS PRODUCTS

Promalight 310/320/330

Min K

Microtherm

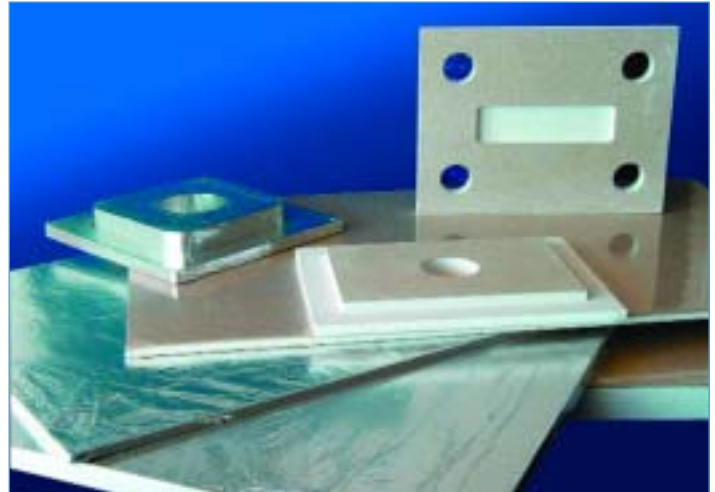
Flexipor

TYPICAL MICROPOROUS APPLICATIONS

- Back up linings for furnaces
- Back up insulation in steel casting ladles
- Insulation for domestic appliances

GENERAL SPECIFICATIONS FOR MICROPOROUS PRODUCTS

- Extremely low thermal conductivity
- Rigid and flexible products
- Temperature to 1000c



SPECIALIST BOARDS/SHAPES

Duratec 750/1000

Monolite M1/M1A/G34

Monolux 500/800

Sindanyo H91/L21



MILLBOARDS

Firefly Millboard

Isoplan Millboard

Nefalit Millboard

VERMICULITE BOARDS

Micatech Board

Vermiculite Bricks

Vermiculite Loose Fill

Vicuclad Board

BESPOKE PRODUCTS

Bespoke HT Covers
Crucible Lids/Covers
Cut Gaskets – Shapes
Exhaust Covers
Filter Cloth Socks
Fire Blankets
Fire Proximity Suits
Fire Seals
HT Mittens
Kevlar Insulating Jackets
Plumbers Pads
Tadpole Tape
Welding Curtains/Blankets



OTHER PRODUCTS

Ceramic Cuplocks
Ceramic Foam Filters
Clay Graphite Crucibles
E-Glass Bulk Fibre
HT Sewing Threads
Kiln and Furnace Shapes
Refractory Anchors
Rockwool Products
Saggers
Silicone Carbide Crucibles
Zircon Ram and Patch
Zircon Paint Powder



CLOTHS/FABRICS

Admiralty Grade
Aluminised Foil Grade
Aramid Grade
Ceramic Fibre Grade
Chameleon Grade
Dalfratex Range
E-Glass Grade
Graflex Grade
Graphite Coated
Loomstate Grade
Neoprene Rubber Coated
Polyester Film Grade
Polyurethane Rubber Coated
Silicone Rubber Coated
Silica Grade
Soluble Fibre Grade
Vermiculite Coated
Weavelocked Grade
Weldstop Grade

TEXTILES

Braided Packing
Cabled Rope
Cords
Ladder Tapes
Plaited Packing
Rope Lagging
Sleeving
Twisted Rope
Webbing Tapes

ABERDEEN BRANCH

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