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a.b.e.® Construction Chemicals

## WATERPROOFING



[www.abe.co.za](http://www.abe.co.za)

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**CHRYSO**

## TORCH – ON WATERPROOFING

### Index Unigum

Reinforced elastoplastomeric polymer-bitumen waterproofing membrane containing distilled bitumen and plastomers.

#### USES

Waterproofing of flat, sloping and pitched roofs, reinforced concrete, prefabricated concrete, masonry cement, metal and timber decks and terraces and for renovation purposes.

#### ADVANTAGES

- Excellent stability to different temperatures, dual reinforced, excellent dimensional stability, rot proof, high strength.



### Index Testudo

Elastopastomeric polymer-bitumen waterproofing membrane reinforced with a non-woven single strand spun bond polyester fabric combined with a glass fibre rot proof mat.

#### USES

Used to solve the most difficult waterproofing applications on site. Ideal for application under hot asphalt on car park decks, anti-earthquake foundations, waterworks, environmental work and acid resistant protection.

#### ADVANTAGES

- Excellent resistance and elongation, resistant to heat ageing, piercing and puncture, excellent durability and flexibility at low temperatures, rot proof, -40°C up to 100°C.
- Contains no organic plastizers.



### Index Fidia P

Reinforced spunbound polyester elastoplastomeric polymer-bitumen waterproofing membrane.

#### USES

Waterproofing of flat, sloping and pitched roofs, foundations, tunnels and tanks. Mineral finished membrane can be used as a cap or weather sheet.

#### ADVANTAGES

- Excellent stability at high and low temperatures, long life/Mineral Slate is low maintenance. Flaminia is embossing indicates correct melting temperature for fixing.



### Index Defend H Anti-Roots

Polymer-bitumen elastoplastomeric waterproofing membrane with anti-roots additive and reinforced with a non-woven single strand spun bond extruded polyester fabric.

#### USES

To waterproof all instances where the waterproof membrane is in direct contact with the soil and liable to root attack.

#### ADVANTAGES

- Hard wearing, resistant to puncture, resistant to chemical aggression, humic acids, fertilizers, resists roots even along the over laps, anti-root additive does not migrate nor is it washed out by water. Single layer only is required against roots.



# ECO WATERPROOFING

## abe.®proof acrylic

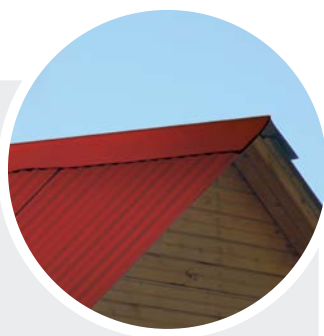
Flexible acrylic waterproofing membrane system (Green Label Certification: Singapore).

### USES

Waterproofing of existing and new roof areas, refurbishment of old concrete roofs and concrete gutters, concrete protection against deterioration, water seepage, acid or chemical attack and other types of environmental pollution.

### ADVANTAGES

- Low VOC Count, easy to apply, UV Resistant, non-toxic, crack bridging capabilities, remains flexible, available in various colours.



## dura.®proof dekflex system

Premium Cementitious flexible dual part waterproofing system for concrete roofs or exposed balconies or under ceramic tiled balconies.

### USES

Waterproofing flat roofs, exposed or under ceramic tiles on exterior balconies, reservoirs, ponds, waterproofing light weight screed roofs or balconies, waterproofing new or existing concrete flat roofs.

### ADVANTAGES

- Excellent adhesion strength, no priming prior to application of substrate, non-toxic, Green Label Certification, low VOC count, UV resistant, environmentally friendly, high tensile strength, can adhere ceramic tile adhesive without any priming coat.



## abe.®proof PU ECO

High performance eco friendly single pack water based polyurethane liquid waterproofing membrane dispersion (PUD).

### USES

Waterproofing all types of roofs, balconies and decks, retaining walls, basements, tanking, coating of old sound membrane or liquid waterproofing systems, waterproofing and protection of parapet walls and flashings, waterproofing external areas such as suspended structures.

### ADVANTAGES

- Low VOC count, suitable for use in confined areas, suitable for application onto damp surfaces, free of bitumen, tar, solvents or hazardous substances, fast drying, UV resistant, non-blistering, high elongation.



## abe.®proof thermoshield

Insulating and waterproofing water based coating.

### USES

Waterproofing of all types of roof tops incorporating thermal properties to reduce the interior temperature of rooms space in the building resulting in reduced energy costs.

### ADVANTAGES

- Reduces the radiant heat in the dwelling, reduced the energy consumption by cooling the building, waterproofing incorporated, easy to apply, environmentally friendly, Green Label Singapore Certification, suitable for walls and roofs onto most substrates.





## CEMENTITIOUS COATINGS

### **dura.®flex**

Flexible waterproofing slurry coating.

#### **USES**

Waterproofing of shower areas, tanks, containers, water reservoirs, repair of balconies, bridge coatings.

#### **ADVANTAGES**

- Suitable for positive and negative waterproofing, non-toxic, suitable for potable water containment areas, excellent freeze/ thaw resistance, high bond strength, good abrasion resistance, easy to apply by brush, trowel or spray gun, excellent resistance to chloride ion penetration, seamless.



### **dura.®proof krystalkote**

Cementitious crystalline system for waterproofing concrete structures against penetration of water and other liquids from any direction.

#### **USES**

Sealing porous and capillaries in basement concrete walls in interior or exterior below grade surfaces such as basement areas below ground level, waterproofing against dampness and ground water hydrostatic pressure.

#### **ADVANTAGES**

- Suitable for waterproofing against negative waterproofing of concrete structure and on horizontal structural slabs against hydrostatic pressure, protects against concrete decay and waterborne corrosive salts, easy to apply, single component.



### **dura.®proof hydrokote**

A dual-component resilient hydraulic micro-mortar used for concrete protection and waterproofing. Once applied **dura.®proof hydrokote** forms a bonded, flexible, protective coating which protects concrete and masonry structures from water penetration and corrosion.

#### **USES**

Reservoirs, water towers, retention tanks, engineered structures. Under-tile sealant for swimming pools. Under-tile or mortar-covering sealant for balconies and terraces. Lift shaft basements, car parks, underground structures and under-tile sealant for damp.

#### **ADVANTAGES**

- Excellent resistance to sea water, sulphated water and de-icing salt
- Reduces carbonation by protection against CO<sub>2</sub>.
- Protects reinforced concrete against corrosion.
- Resistant to micro-crazing.
- Good resistance to UV rays and freeze/thaw cycles.

### **dura.®slurry**

Cementitious ready to use economical waterproofing slurry coating.

#### **USES**

Waterproofing and coating foundations, basements, supporting walls, pools, silos, sewage plants, dams, tunnels, ponds, underground structures to apply a permanent waterproof skin on new and existing structures on either the positive or negative side.

#### **ADVANTAGES**

- Easy to use, simply mix with water, wide service temperature range of between – 40°C to + 80°C on full cure, seals against capillary ingress, suitable for brick, plaster and concrete substrates, ready for use simply add water, chemical reaction waterproofing.



# BITUMEN WATERPROOFING COATINGS

## super laycryl

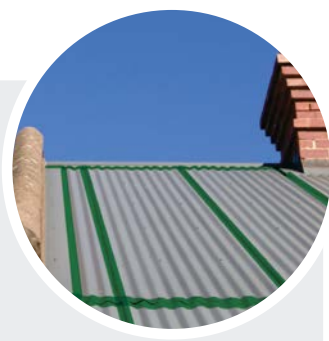
Flexible liquid applied emulsion reinforced with abe membrane to provide a seamless professional waterproofing system.

### USES

Waterproofing of parapet walls, flashings, sealing of joints; laps and roofing screws on corrugated roofs, re-waterproofing over existing acrylic waterproofing systems.

### ADVANTAGES

- Single part priming agent and waterproofing all in one, wide range of pre-coloured choices, strong adhesion strength, flexible, non-toxic.



## bitu.®seal liquid

Heavy duty bituminous mastic sealer and repair compound.

### USES

Waterproofing of most roofing defects, sheeting laps, valleys, gutters, down pipes, enlarged screw holes, roof cracks, flashings, cracked tiles, patch repairs to tanks.

### ADVANTAGES

- Asbestos free, economical, easy to apply, may be over coated, general uses.



## super laykold

Rubberised bitumen waterproofing emulsion for use with **abe.®membrane**

### USES

Waterproofing koi fish ponds, sealing flashings, roof screws; lap joints and joints on corrugated roofs, waterproofing parapet walls.

### ADVANTAGES

- Suitable in total water immersion, suitable for potable water conditions, single part system, non-toxic, high strength, tough and flexible, excellent adhesion.



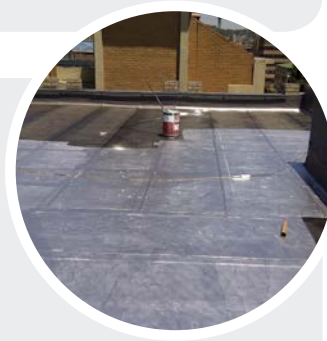
## silvakote

General purpose reflective aluminium pigment bitumen based paint coating for use on torch on membranes and all bitumen based waterproofing systems.

### USES

Paint reflective coating for torch-on waterproof membranes, liquid applied bitumen systems, reflects the UV Rays off the bitumen.

Extends the life span of bitumen, UV resistant, pre-pigmented, single pack no mixing, high reflective properties.



# WATERPROOFING MEMBRANES AND TAPES

## malthoid

Asphaltic waterproofing membrane incorporating a fibre felt carrier.

### USES

Damp-proof coursing in brick work (DPC), Under roof slate and tiles, damp-proof coursing under floor screeds, underlay on timber decks, protection layer over abe Index torch on waterproofing prior to screeds and tiles.

### ADVANTAGES

- High resistance to puncture, rot proof, self healing, economical, water resistance.



## Index Armodillo

Multi-functional polymer modified bitumen waterproofing membrane with a built in drainage board added mechanical protection and antiroot ideal for waterproofing below ground structures and roof gardens.

### USES

**Index Armodillo** can be used on both flat and vertical areas of a building, either alone or with other membranes as a waterproofing protective and drainage layer.

### ADVANTAGES

- A waterproofing, protective and draining layer in one multifunctional product.
- The protective plates are liquid adhesive when torched so, no additional cost for adhesives. You can bond other materials that won't move during refilling.
- Multifunctional waterproofing and draining membrane: foundation walls, cellars, roof gardens, underfloor.
- The insulated rustications protect the hands of the installer from burns.
- It resists higher puncturing compared to HDPE products

## slatex 2000

Reflective waterproofing membrane for use under slate roofs.

### USES

Waterproofing layer laid under slate roofing tiles, reflective, prevents ingress of dust.

### ADVANTAGES

- Reflects heat off the roof, prevents ingress of dust, waterproof, long lasting, no priming, cold flex properties.



## super laykold tape

Peel and stick self-adhesive waterproofing tape.

### USES

Seals and repairs leaky, galvanized roof sheeting, holes and overlaps, valley gutters, downpipes, roof screws, pipe vents.

### ADVANTAGES

- Aluminium foil to reflect heat, easy to use, adheres to metal, plastic and primed concrete, peel and stick, excellent resistance to weathering.



# WATERPROOFING

## abe.<sup>®</sup>drain

Dimpled high density polyethylene protection and drainage membranes with or without a polyester geotextile layer.



### USES

To effectively drain water in roof gardens and planters, tanking of foundations to effectively control the flow of water, secondary waterproof system.

### ADVANTAGES

- Resistant to chemical agents in soil and groundwater, resistant to mechanical compression, anti-root barrier, lightweight for easy application, dimpled to control direction of water flow.

## ecofelt

100% polypropylene saturation membranes for improved waterproofing performance.



### USES

As part of a waterproofing system a saturation membrane for containment areas, canals, tunnels, hydroelectric storage reservoirs, dam facing, potable water reservoirs, basement waterproofing.

### ADVANTAGES

- Puncture resistance, excellent saturation, chemically and biological inert, UV resistant, improved installation surface.

## bitu.<sup>®</sup>prime

Bituminous solvent based priming and sealing coating for all porous or non-porous surfaces prior to a bitumen waterproofing compound.



### USES

For bonding of bitumen membranes to concrete or metal vertical or horizontal surfaces, bonding of cold applied bitumen coatings.

### ADVANTAGES

- Prepares substrate by creating additional volume to bond to on substrate, economical, high bond strength, quick solvent flash off, can be applied by brush or roller, versatile.

## Bidim<sup>®</sup> Geotextile

Non woven polyester geotextile.



### USES

Separates, filters and drains behind segmental retaining walls, underneath gravel paths to reduce maintenance, roof gardens and window boxes to prevent particles entering outlet, perimeter subsoil drains to ensure continuous water flow, drainage pipes with soil backfill, filter under riprap retaining river banks or walls as separation/ stabilization.

### ADVANTAGES

- High melting point in excess of 260°C, UV stable, high tear resistance, puncture resistant, high throughflow.





DO-IT-YOURSELF

# PRODUCT SELECTOR



## WATERPROOFING

### DRAINAGE

- bidim® (geotextile fabric) U14
- bidim® flashpack®

### DAMP PROOF COURSE

- malthoid

### GUTTER LEAKS

- bitu.®seal plastic
- super laykold tape
- super laykold
- tear proof super laykold tape

### RIDGING

- super laykold
- super laykold tape
- tear proof super laykold tape
- bitu.®seal plastic
- hydroproof

### NEGATIVE SIDE DAMP PROOFING

- abe® waterproofing slurry
- dura.®flex

### PARAPET WALLS

- super laycryl
- hydroproof

### PLASTER BONDING

- abe.®bond plastergrip
- dura.®latex
- abe.®bond plasta enhancer

### METAL ETCH PRIMING

- 4-metal primer

### WOOD PRESERVATIVE

- carbolineum
- creosote
- provonite

### VEHICLE UNDER BODY/ CHASSIS

- autokote
- ravenol

### EPOXY REPAIR, GROUT & ADHESIVES

- epidermix 314
- epidermix 318
- epidermix 344
- epidermix 395
- epidermix 396

### CEMENT REPAIR & GROUT

- dura.®grout
- dura.®rep FR
- dura.®rep QS
- dura.®rep 60 & 180

### TREE SEAL

- pruning
- grafting



## CONCRETE REPAIR & GENERAL CONSTRUCTION



## FLOORING

### TANK BASE MASTIC

- flintkote 3

### CLEANER

- super brush cleaner

### SELF-LEVELLING SCREED

- abe.®screed SLC P



### UNDER ROOFING TILES

- slatex 2000

### FLAT ROOFING

1. primer: bitu.<sup>®</sup>prime
2. covering: unigum/VisP 4mm
3. coating: silvakote/  
silvakote eco
4. flashing: super laycryl  
and membrane

### VALLEY GUTTERS

- super laycryl and membrane
- super laykold tape
- tear proof super laykold tape
- bitu.<sup>®</sup>seal tape
- super laykold
- hydroproof

### FLASHINGS

- bitu.<sup>®</sup>seal plastic
- super laycryl and membrane
- super laykold tape
- tear proof super laykold tape
- hydroproof

### HEAVY DUTY PROTECTOR

- bitu.<sup>®</sup>seal liquid

### ROOFING SCREWS

- super laycryl and membrane
- super laykold tape
- tear proof super laykold tape
- bitu.<sup>®</sup>seal plastic

### OVERLAPS

- super laycryl and membrane
- super laykold tape
- tear proof super laykold tape
- bitu.<sup>®</sup>seal plastic
- super laykold
- hydroproof

### POSITIVE SIDE DAMP PROOFING

- wallseal
- dura.<sup>®</sup>flex
- brixseal
- abe.<sup>®</sup> waterproofing slurry

### WATER TANKS

- cement: dura.<sup>®</sup>flex  
or super laykold
- metal: ravenol

### SHOWERS

- dura.<sup>®</sup>flex

### DAMS & KOI PONDS

- super laykold
- dura.<sup>®</sup>flex

### EPOXY ADHESIVE, FILLER & GROUT

- epidermix 372

### GENERAL PURPOSE & SANITARY

- abe.<sup>®</sup> silicone

### WOOD BLOCK ADHESIVE

- grip-a-bloc

### WINDOW & DOOR FRAMES

- abe.<sup>®</sup> flexothane 1
- DC 813
- DC 799

### SECURE & SEAL

- theWorks

### COATINGS

- abe.<sup>®</sup>cote tough epoxy paint
- abe.<sup>®</sup>cote tough polyurethane  
paint
- abe.<sup>®</sup>cote clear polyurethane  
top coat

### REPAIR

- abe.<sup>®</sup>rep 710

### HIGH TEMPERATURE

- abe.<sup>®</sup> gasket red

### SEALANTS & ADHESIVES

### PAINTABLE & GAP FILLING

- abe.<sup>®</sup> acrylic
- painters mate
- filler foam

### JOINTS

- abe.<sup>®</sup> flexothane 1
- DC 813
- DC 799

