



ELASTOPLAS™ 600 DTM

This product is a low-VOC, mono-component micro-fibre reinforced elastomeric coating, which cures to form a tough yet flexible membrane over suitably prepared substrates including metal.



ELASTOPLAS™ 600 DTM is formulated using our proprietary HYDROSYNTHESIS technology. Upon contact with moisture from the air or water molecules on substrates, **ELASTOPLAS™ 600 DTM** will start to form complete chemical bonds and start to cure. Upon drying, these strong chemical bonds make our coating highly durable.

ELASTOPLAS™ 600 DTM can be applied directly onto metal and suitably prepared concrete surfaces like roof, decks, slabs, walls etc.

FEATURES:

- Tough and Elastic Waterproofing Membrane
- Direct-To-Metal, No need primer
- Able to absorb expansion and shrinkage movements
- Anti-carbonation and Anti-mold/algae
- High Weather and UV Resistance
- Odourless and Non-toxic
- Easy to Apply by hand brush/roller
- Impervious to rain and water splashes
- Available in many colours

ADVANTAGES :

- Environmentally Friendly product
- Can be painted directly to metal, without primer
- Designed for tropical climate
- Crack Bridging
- Good Bonding to various substrates
- Non-Flammable product
- Versatile—Can be used as a finishing and waterproofing

Typical System:

Concrete (Standard):

1 x ELASTOPLAS Primer S7 at 0.1kg/m², followed by
2 x ELASTOPLAS 600 DTM at 0.55kg/m²/coat,
(depending on porosity of substrates)

Concrete (Heavy Duty):

1 x ELASTOPLAS Primer S7 at 0.1kg/m², followed by
1 x ELASTOPLAS 600 DTM at 0.55kg/m²/coat, followed by
1 x Fibre Mat CSM100
1 x ELASTOPLAS 600 DTM at 0.55kg/m²/coat, followed by
1 x ELASTOPLAS 600 DTM at 0.50kg/m²/coat.
(depending on porosity of substrates)

Metal:

2 x ELASTOPLAS 600DTM at 0.55kg/m²/coat,

Packing Sizes:

Available in 5kg & 20kg Plastic Tubs

Keep in dry place away from direct sunlight.

Storage temperature 4°C—38°C

Technical Data:

Appearance:	Pigmented Liquid
Smell:	Almost Odourless
Solid Content:	65% by weight
Specific Gravity:	1.20—1.25 depending on colour
VOC Content:	Less than 50g/l
Viscosity:	130KU
Application Data:	
Application Temp.:	15°C—38°C
Skin Time:	30 minutes
Recoating:	1-2 hours
Foot Traffic:	24 hrs after Full Application
Full Cure:	3 days
Tensile Strength:	~2.5N/mm ² (ASTM D412)
Elongation at Break:	~500% (ASTM D412)

ELASTOPLAS™ 600 DTM can be applied by hand brush, roller or airless spray equipment.

Surface Preparation:

Pre-preparation is essential. Spot to be repaired must firstly be degreased and cleaned using suitable eco-friendly cleaner & degreased like **ALLESAN C100**. Slightly abrade spot with 600 grit sander if necessary.

For New Substrate:

Ensure surface to be painted is free from dirt, grease and efflorescence.

Cleaning:

Clean immediately with water. Cured material will require chemical or mechanical removal.

Must be read / used concurrently with our official Method Statement.

Precautions: WARNING: FOR PROFESSIONAL USE ONLY. Before using product, read product SAFETY DATA SHEET (SDS) and instructions on packaging. ALKALINE PRODUCT: Contact can damage eyes, skin, and other body tissues. HANDLE WITH CARE. Eye and skin irritant. Digestive tract irritant; DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN. Spray mist is a respiratory tract irritant. Use only with adequate ventilation. Do not breathe vapors or spray mist. Avoid contact with eyes, skin, clothing. Observe appropriate safety and jobsite controls. Wear appropriate protection including eye protection and chemical resistant gloves. Ensure fresh air-flow during application and until dry. If you experience headaches, dizziness, eye watering, or if air monitoring shows vapor/mist levels above applicable limits, wear a properly fitted P100/ organic vapor respirator (NIOSH TC-84A approved), used according to manufacturer's directions, during application and drying. SLIP/FALL DANGER: During application and until dry, treated surface will be slippery. Use extreme care when walking on wet product.

This PDS has been produced to our best knowledge during time of publishing and we reserve the right to amend any data whenever deemed suitable.

ALLE CHEMIE SDN. BHD.

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SPECIFICATION GUIDE

ELASTOPLAS™ 600 DTM

Area	Specification	Unit	Price
SS-1 Specification: Concrete Substrate	<p>Apply ELASTOPLAS™ 600 DTM or equivalent low-VOC elastomeric coating which cures via HYDROSYNTHESIS to achieve a durable and homogeneous finish. Apply material in accordance with manufacturers written requirements using the following spread rates:</p> <p>Primer: One(1) coat of ELASTOPLAS™ Primer S7 at 0.1kg per m² per coat</p> <p>Coloured Finish: Two(2) coats ELASTOPLAS™ 600 DTM at 0.55kg per m² per coat.</p>	m ²	

Area	Specification	Unit	Price
HD-1 Specification: Concrete Substrate	<p>Apply ELASTOPLAS™ 600 DTM or equivalent low-VOC elastomeric coating which cures via HYDROSYNTHESIS to achieve a durable and homogeneous finish. Apply material in accordance with manufacturers written requirements using the following spread rates:</p> <p>Primer: One(1) coat of ELASTOPLAS™ Primer S7 at 0.1kg per m² per coat</p> <p>Coloured Finish: One(1) coat ELASTOPLAS™ 600 DTM at 0.55kg per m² per coat, followed by embedding one layer of 100g Fibre CSM, followed by One(1) coat ELASTOPLAS™ 600 DTM at 0.55kg per m² per coat and finished with One(1) coat ELASTOPLAS™ 600 DTM at 0.50kg per m² per coat.</p>	m ²	