



Liquid Waterproofing

Solid Performance

Silcor[®] 1100
Liquid Waterproofing Membrane

SILCOR® 1100 Seamless Waterproofing For Buried Roofs & Decks

SILCOR® 1100 is a sprayable liquid waterproofing system developed by GCP Applied Technologies, an industry leader in structural waterproofing. Based on GCP'S unique ESSELAC® advanced resin technology, SILCOR® 1100 is engineered specifically for commercial and residential structural roofs and decks. Its fast curing system creates a durable, fully bonded and seamless waterproofing membrane that is easier and more efficient to apply than conventional methods. With a proven track record of ESSELAC technology and long term protection, SILCOR® 1100 brings peace of mind for the building owners.

SIMPLE & FAST

Applied in a single layer to prepared surfaces without reinforcement, SILCOR® 1100 membranes are trafficable within minutes. Typically, up to 500 m² of surface area can be waterproofed per day including priming. SILCOR® 1100 can be applied year round using GCP's fast curing primers. Can also be applied to 14 days old concrete. Allows fast return to service.

TOUGH

SILCOR® 1100 is ideal for busy construction sites. It is immediately foot trafficable and treated areas are serviceable the same day as application. SILCOR® 1100 is chemically resistant and can be left exposed on upstands or can be finished aesthetically with colour stable top coats.

SAFE

Environmental risks are significantly minimized with SILCOR® 1100. Applied without hot works, SILCOR® 1100 is solvent and VOC free and produces low odour. SILCOR® 1100 is formulated to prevent the negative environmental effects of emissions of volatile organic compounds (VOC) and it does not contain any VOC's according to the EU Directive 2004/42/EC. SILCOR® 1100 does not contain any ozone depleting substances according to the EU Ozone Depleting Substances (ODS) Regulations 1005/2009/EC.

COST SAVING

No root barrier requirement for green roof and landscaped podium gardens.

Unlimited overcoat time enabling schedule flexibility, reduces wastage, save on labour.

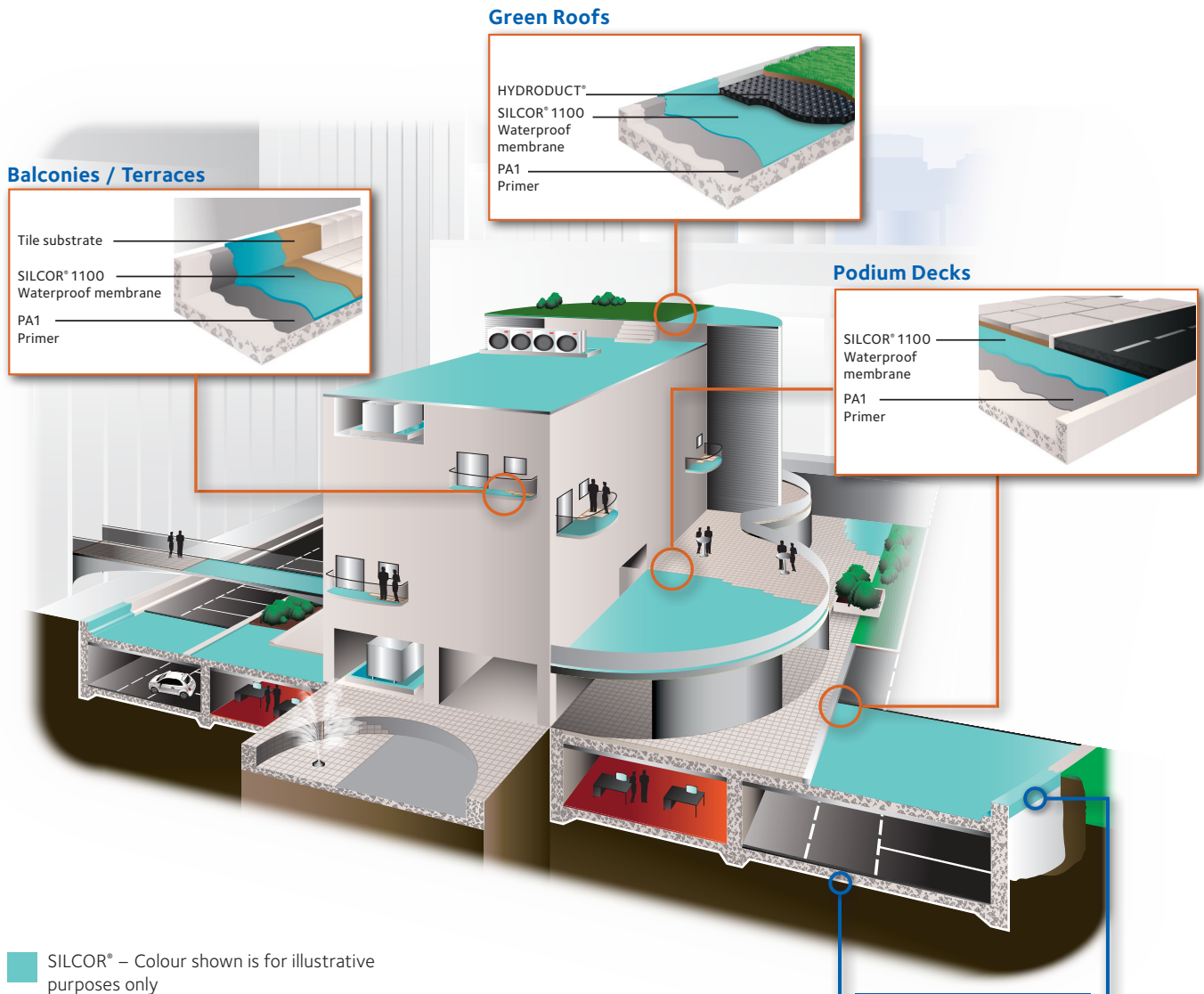
No weak day joint: simple, easy and seamless detailing; no cutting or jointing, no weak seams and easily repairable.

On site Quality Assurance checks: no destructive thickness test; wet film thickness measurement and electronic pin hole checks.

SILCOR® 1100 - spray application by specialists and hand application for small or confined areas:



Versatile SILCOR® 1100 Solves Buried Waterproofing Problems Across Your Project

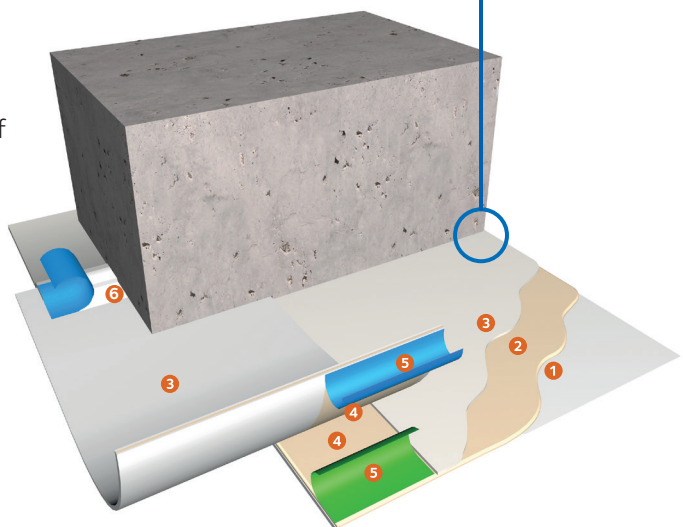


LINK WITH THE PREPRUFE® PLUS SYSTEM

SILCOR® membranes are designed to link with the PREPRUFE® Plus system providing a secure continuity of the waterproofing system.

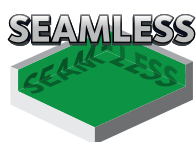
PREPRUFE® Plus waterproofing system adhesively seals to poured concrete to prevent water tracking.

- 1 Durable and flexible HDPE geomembrane
- 2 Continuous layer of waterproofing adhesive
- 3 Patented non-absorbent surface coating
- 4 5 ZIPLAP™ adhesive layers and liners
- 6 PREPRUFE® Tape for detailing



What Makes SILCOR® 1100 The Right Choice?

Feature	Benefits	Values	For
Speed	<ul style="list-style-type: none"> Efficient spray application approx. 500m²/day/pump Faster program – at least 2X faster than conventional sheet membranes & hot melt systems Can be applied in a wide range of temperatures 	<ul style="list-style-type: none"> Saves on time, saves direct cost Fast return to service All year round application 	Contractor Applicator
Unlimited overcoat time	<ul style="list-style-type: none"> Applied primer & membrane can be over coated at any time Allows flexibility of work and sequencing No need for abrading or re-priming at day joints or repairs 	<ul style="list-style-type: none"> Faster program saves time 	Contractor Applicator
Cold spray application Standard membrane can be hand applied for smaller areas	<ul style="list-style-type: none"> No handling of hot material – cold spray No isocyanates 	<ul style="list-style-type: none"> Peace of mind Application suitable for both large and small areas 	Owner, Designer, Contractor, Applicator
Seamless & fully bonded	<ul style="list-style-type: none"> No vulnerable joints/laps which are weak points Easy detailing – continuity at corners and penetrations Can be applied to vertical upstands Zero water migration 	<ul style="list-style-type: none"> Lower/no maintenance cost Speed of application 	Owner, Designer, Applicator
Quality assured installation	<ul style="list-style-type: none"> Quality control during application Slow set (1 hour curing) allows wet film thickness gauging – no destructive test for thickness 100% of the surface can be electronically tested 	<ul style="list-style-type: none"> Peace of mind Reduced patch work & reduced wastages 	Owner, Designer, Applicator
Robust but flexible	<ul style="list-style-type: none"> Site trafficked within one hour to allow other activities 	<ul style="list-style-type: none"> Allows program flexibility and saves time 	Owner, Contractor, Applicator
Root resistant	<ul style="list-style-type: none"> No root barrier needed 	<ul style="list-style-type: none"> Saves on root barrier cost & installation 	Owner, Designer
Zero fall/Flat roofing	<ul style="list-style-type: none"> Allows full immersion of membrane 	<ul style="list-style-type: none"> Savings on concrete design & load 	Owner, Designer



For enquiries, information and case studies please visit gcpat.com or email: info-ae@gcpat.com

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