

## Built-up flat roofing systems

Safe, effective, long-lasting and guaranteed solutions for new or repair work



## Typical applications

SIGNature built-up flat roofing is a versatile system, which includes fire-rated torch-on cap sheets to provide safe, effective, long-lasting and guaranteed solutions for new or repair work. It is a proven system and is ideal for use on cold or warm roofs in most market sectors, including education, healthcare and commercial. SIGNature built-up flat roofing is our recommended system for specification in the CIF improvement for schools and academies initiative.

## System components

### Fire Rated Cap Sheets


The SIGNature Torch On Cap Sheet is a fire retardant formulation, polyester reinforced, SBS, torch applied finishing layer. This cap sheet is utilised on both the 20 and 25 year systems and will achieve a B roof (T4) fire rating as standard. It is available in two mineral finishes, black or green.

## Underlay options

There are two different underlays that can be utilised within the system and it is this that will dictate the warranty period.

- **SIGNature Underlay25** A polyester carrier, reinforced, SBS, torch applied intermediate or base layer (dependent on specification). Using this underlay option will qualify for a 25 year warranty if used in conjunction with the SIGNature Fire Rated Cap Sheet.
- **SIGNature Underlay20** A glass tissue carrier, reinforced, SBS, torch applied intermediate or base layer (dependent on specification). Using this underlay option will qualify for a 20 year warranty if used in conjunction with the SIGNature Fire Rated Cap Sheet. Also available as Film on Film. Both upper and lower surfaces finished with a thermo-fusible film.

\*Both of these underlays can be directly applied to a torch receivable Insulation Board only, without the requirement of a venting base layer.



B roof (T4) fire rated roofing system intended for both new work and overlay projects. Offering different warranty packages dependent on the underlay option selected. This will ensure that you can tailor the system to your client's requirements and budget.

## BENEFITS

- B ROOF (T4) FIRE RATED CAP SHEET
- GUARANTEED FOR 20 OR 25 YEARS (DEPENDING ON UNDERLAY USED)
- CAP SHEETS, UNDERLAYS AND VAPOUR CONTROL LAYERS
- NEW WORK OR OVERLAYS, WARM OR COLD ROOFS
- SELF-ADHESIVE VCL OPTION
- AVAILABLE IN 2 COLOURS OF MINERAL FINISH

Other products used to provide a complete system dependent on specification and roof type:

### Universal Torch On Venting Underlay

To be used as the venting base layer on all overlays to bitumen substrates where a partial bond is required.

### I80 Sanded

To be used as the nailing prep layer on a Timber Deck Vapour Control Layer (Torch Applied) To be used over a primed substrate beneath the Insulation to prevent moisture contamination.

### Self Adhesive Vapour Control Layer

To be used over a primed substrate beneath the insulation to prevent moisture contamination.

### Quick Dry Primer

To be used to prime all timber and old bitumen surfaces prior to torch application.

### Self Adhesive Primer

To be used to prime the roof surface

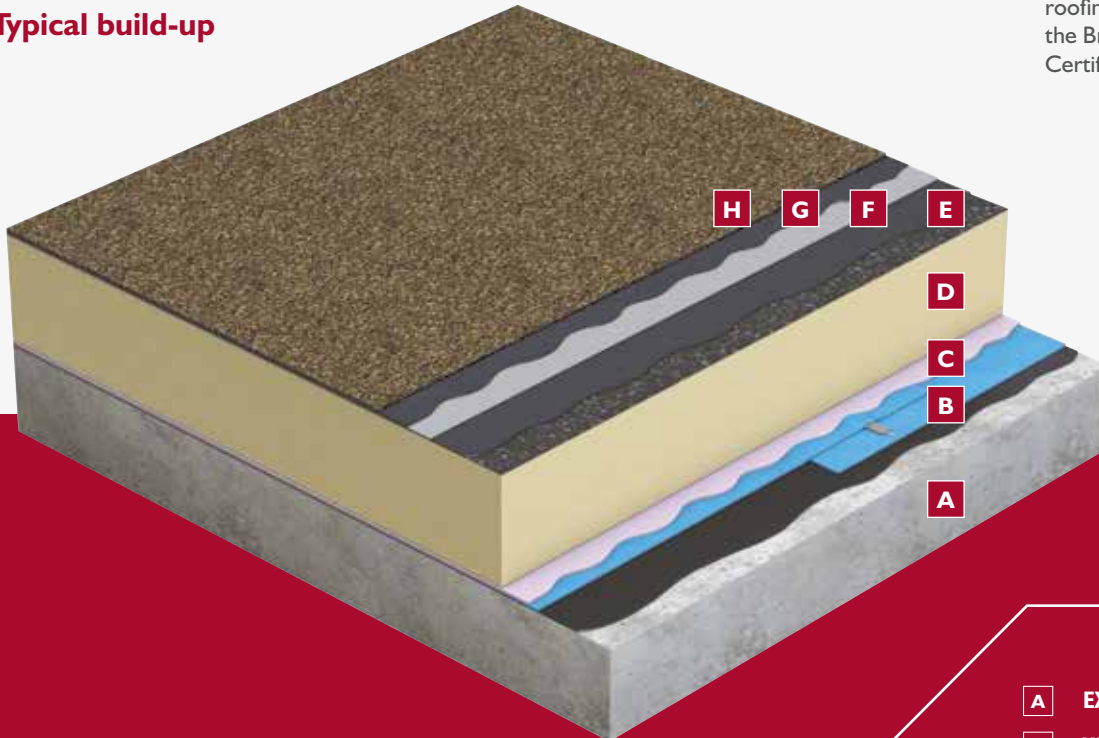
### Proven in use

Case studies for all projects shown in this brochure are available to download from our website. Alternatively contact us on the number below for more information.



The SIGNature built-up flat roofing system has been awarded the British Board of Agrément Certificate, No. 02/3967.

### Typical build-up



- A** EXISTING STRUCTURE (PRIMED)
- B** VAPOUR CONTROL LAYER
- C** ADHESIVE
- D** FLEECE-TOPPED PIR INSULATION
- E** PRIMER
- F** UNDERLAY
- G** PRIMER
- H** TORCH-ON CAP SHEET

## About SIG Design Technology

SIG Design Technology is a part of SIG Roofing, a leading division of SIG plc, a FTSE listed company and the UK's market leading specialist supplier to professionals in the building and construction industry.

SIG Design Technology has put together an 8-step guide to identify the challenges and ensure that a roof's design meets a building's requirements.

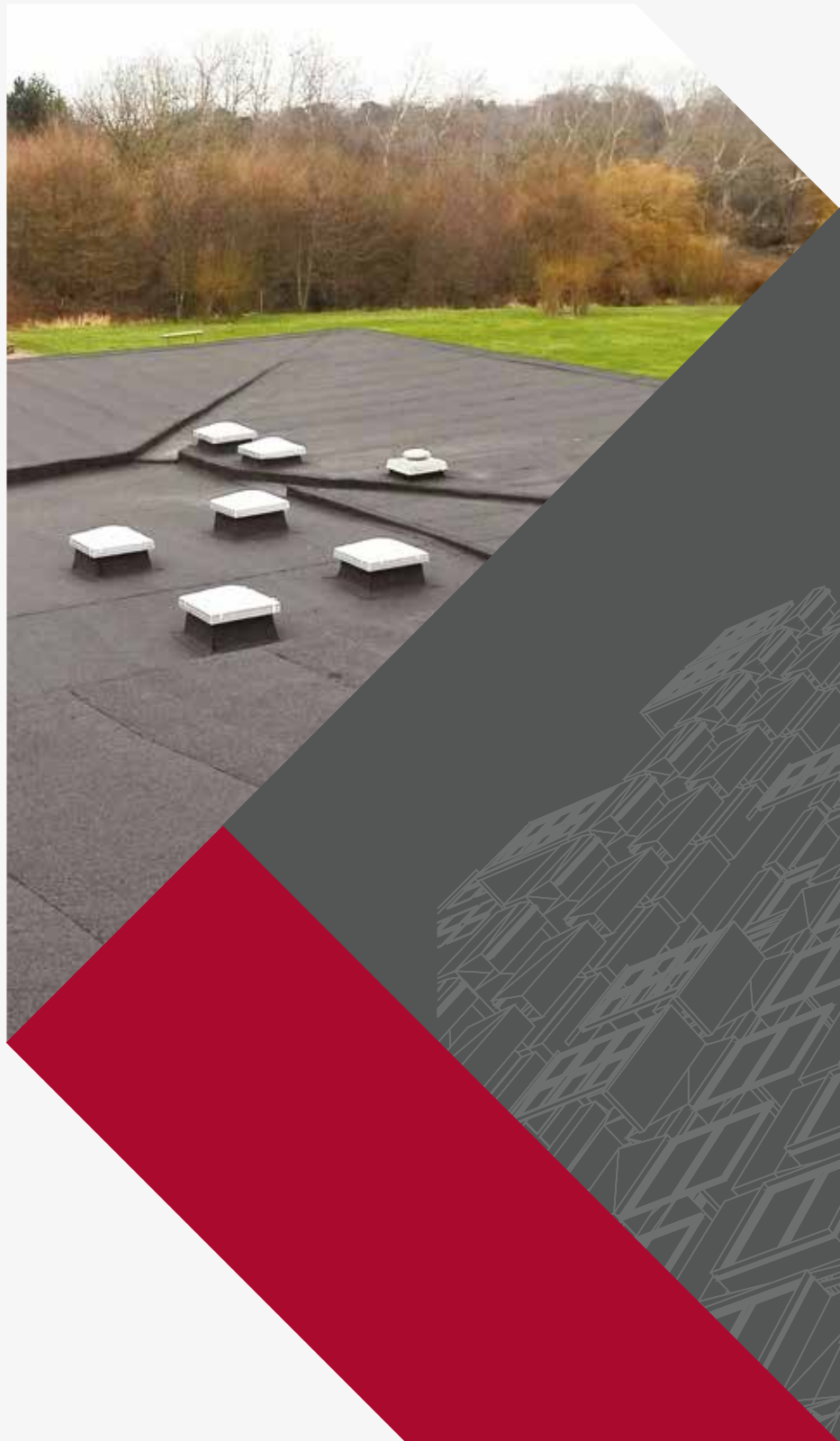
Called *#PerfectRoof*, the eight steps follow the process from product selection and design expertise through to full guarantees and planned maintenance. Its know-how is just part of the service that is provided absolutely free to customers.



## Take the risk out of roof design...

### ■ The right products for your project to meet requirements for:

- *Carbon capture*
- *Insulation*
- *Roof longevity*
- *Energy generation*
- *Design covered by our PI insurance*
- *Genuine choice of waterproofing*
- *Part of a FTSE 250 company*



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