

## Debotec Flat Roofing Systems - Torch Applied.

A most extensive range of products for use in refurbishments and new roofing projects. The Debotec range can offer the specifier choices to suit client budgets / product life expectancy requirements.

The Debotec range is offered in a traditional three layer built up system using universal venting/perforated layers, glass fibre base sheets intermediate layers followed by final capping layers.

Our suggested 3 layer built up specification offering 20 year product guarantee:

- a. Plywood deck exterior grade BS
- b. Vapour control layer Chesterstop VB (product code P714) (metal lined)
- c. Insulation (PUR) type rigid board
- d. Debotec Debovent p (product code 2706) – venting layer
- e. Intermediate layer Laser Gold glass fibre underlay (product code P901)
- f. Final waterproofing layer Laser Gold mineral polyester (product code P903)



### Debotec Laser Gold – Premium SBS

**Description**

A specification range with life expectancy of up to 20 years using high tensile polyester reinforcements with low melt SBS bitumen modifications. 20 year system guarantees available on this product group. (subject to specification.)

Code	Description	Width	Roll Length	Finish	Pallet Quantity	Roll Weight
P901	Laser Gold Underlay	1.0m	12m	Plain	30	34kg
P902	Laser Gold Plain	1.0m	8m	Plain	25	36kg
P903	Laser Gold Mineral	1.0m	8m	Green Mineral	25	38kg
P904	Laser Gold Mineral	1.0m	8m	Brindle	25	38kg
P905	Laser Gold Mineral	1.0m	8m	Blue / Grey	25	38kg
P906	Laser Gold Mineral	1.0m	8m	Charcoal	25	38kg

### Debotec Laser Torch – Specialist SBS

**Description**

A range of membranes using SBS type bitumens modification offering lower melt characteristics for faster application advantages. 15 year system guarantees available on this product group. (subject to specification)

Code	Description	Width	Roll Length	Finish	Pallet Quantity	Roll Weight
P839	Laser Torch Underlay	1.0m	16m	Plain	30	32kg
P831	Laser Torch Plain	1.0m	8m	Plain	30	32kg
P832	Laser Torch Mineral	1.0m	8m	Green Mineral	25	36kg
P833	Laser Torch Mineral	1.0m	8m	Blue / Grey	25	36kg
P834	Laser Torch Mineral	1.0m	8m	Charcoal	25	36kg
P835	Laser Torch Mineral	1.0m	8m	Brindle	25	36kg

### Debotec Debovent – Universal Venting Layer

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## Debotec Debovent – Universal Venting Layer

Description For use under Debotec multi layer system, where a potential bond is required.

Code	Description	Width	Roll Length	Finish	Pallet Quantity	Roll Weight
2706	Debovent	1.0m	16m	Perforated	36	24kg

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## Debotec Chestertorch - Standard Range

Description A price leading range using glass fibre (underlay mat) and polyester re-enforcements (capping sheet) offering cost effective waterproofing solutions.

Code	Description	Width	Roll Length	Finish	Pallet Quantity	Roll Weight
P824	Chestertorch Underlay	1.0m	16m	Plain	30	32kg
P825	Chestertorch Plain	1.0m	8m	Plain	30	32kg
P826	Chestertorch Mineral	1.0m	8m	Green Mineral	25	32kg

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## Debotec Deflector Plus - Performance Range Systems

Description A standard range using modified bitumens (APP) on glass fibre (underlay mat) and polyester re-enforcements (capping sheet). 10 year system guarantees available on this product group. (subject to specification.)

Code	Description	Width	Roll Length	Finish	Pallet Quantity	Roll Weight
2177	Deflector Plus Underlay	1.0m	16m	Plain	30	32kg
2176	Deflector Plus Plain	1.0m	8m	Plain	25	32kg
2175	Deflector Plus Mineral	1.0m	8m	Green Mineral	25	32kg

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## Debotec Deboflex – Premium APP Range

Description Using a strengthened glass fibre underlay as an intermediate layer and strengthened polyester final layer with modified bitumens App. This well proven product range continues to be widely used. 10 year system guarantees available on this product group. (subject to specification.)

Code	Description	Width	Roll Length	Finish	Pallet Quantity	Roll Weight
2203	Deboflex Underlay	1.0m	16m	Film	25	32kg
2204	Deboflex Plain	1.0m	8m	Plain	30	32kg
2137	Deboflex Mineral	1.0m	8m	Green Mineral	30	36kg

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\* please note roll weights are subject to manufacture tolerance and are nominal.

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# **MATERIAL SAFETY DATA SHEET**

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**For: CHESTERFELT POUR & ROLL FELT  
CHESTERFELT SHEDFELT  
CHESTERFELT TORCH ON FELT**

## **HEALTH & SAFETY REFERENCES:**

Health and Safety at Work Act 1978  
COSHH Regulations  
Code of Practice for Safe Handling of Hot Bitumen for Roofing Purposes  
Booklet 6B Health and Safety Construction Work Roofing

## **GENERAL**

Health and Safety must be considered before site work commences during the design and construction stages. This is necessary for the safety of operatives; site inspectors and any other concerned with the progress of work on the site.

The working environment needs to comply with all relevant Health and Safety at Work, COSHH data and the requirements of the local Factory Inspectorate.

## **PRIOR TO COMMENCEMENT OF WORK**

1. Operatives must be made aware of their responsibilities for their own safety and the safety of others.
2. Requirements for storage arrangements for reasons of Health and Safety along with scaffolding, hoisting arrangements should be made in advance of commencement of work.
3. Restrictions on work, where hot materials such as bitumen and the use of naked flame, may present considerable risk to people and the fabric of the building. This must be taken into account as the application of roofing materials can involve unsafe practice and if basic safety requirements are not followed it can lead to serious injury and incidents which may be reported immediately to the site supervisor.
4. Adequate safety guards and guarded landing platforms should be in place before work commences. The area immediately below any hoist or roof work should be guarded in order to prevent operatives standing directly below.
5. Roof perimeter scaffolds require gangways of correct minimum width with a guard and guarded landing platforms should also be in place before work commences.
6. The roof area must be cleared of all materials other than those being used, unless this cannot be reasonably avoided.
7. All rolls, machinery etc. must be stored in a safe place when not in use and special care should be taken to ensure all electrical supplies are immobilised when not in use. Maintenance of tools etc. is essential for good working practice.
8. Preparations should be made for any changes of weather conditions. Precautions such as temporary roofs, and sheet covering including temporary drainage should be arranged in advance.

## **USE OF HOT BITUMEN**

During the application and preparation of hot bitumen particular safety issues arise:

1. Care is necessary in the placing and setting up of the boiler and controlling of the gas heating supply.
2. Where bitumen is heated at a lower level and then hoisted to the roof it must be kept clear or scaffolding and the area beneath guarded to restrict movement below the hoist.
3. The manufacturers instructions for the safe use of boilers should be followed at all times.
4. Particular attention should be paid to the temperatures of the boiling bitumen, which should not exceed by 250°C or the flash point less 15°C.
5. When in use the boiler must be constantly attended by a responsible person and appropriate fire-fighting equipment should always be close to hand.
6. Boilers containing hot bitumen should not be lowered or transported.

## **HANDLING AND STORAGE**

1. Requirements for storage arising from Health and Safety reason should be considered and advice sort from the appropriate manufacturers.
2. All materials should always be checked upon delivery and prior instructions given as to accessibility to site etc. The manufacturer's name and batch number should identify them. All materials should arrive on site unopened in their original wrappers.
3. Rolls of material should always be transported and stored in an upright position on a clean weatherproof base and protected against the weather.
4. Drums containing liquids should be checked for spillage and if stored over a long period of time rotated to prevent a long breaking of emulsions.
5. Pebbles and chippings should be delivered in bags and stored on a clean base.
6. Storage locations and loadings should be agreed before the commencement of work.
7. All roofing felts are relatively heavy; care must be taken when lifting.

## **CONCLUSION**

The Contractors and all operatives should comply with all safety directives whilst on site. Protective clothing and helmets should be worn at all times.

It is essential for full co-operation to be established by all concerned both prior to commencement of site work and throughout its duration.