



a.b.e.® Construction Chemicals METHODOLOGY Waterproofing to Roof Gardens

SURFACE PREPARATION

Surface areas should be dry, clean and sound, free of voids, sharp protrusions or contaminants. The surfaces shall have a wooden trowelled finish, laid to a minimum of falls of 1:60.

PRIMING

Prime all surfaces with **bitu.®prime**, including all verges and around outlets and protrusions and allow the solvent to flash off. Extremely porous surfaces should be re-primed.

SPECIFICATION

- **abe® unigum 3mm**
- **Index Defend H**
- **abe.®drain 20P**
- **abe.®drain G**

Apply one layer of **abe® unigum 3mm**, dual reinforced waterproofing membrane, fully bonded by means of torch on fusion with side laps of 100mm and end laps of 150mm respectively.

Then apply one layer **Index Defend H**, non-woven polyester reinforced membrane, with ant-root additive fully bonded by means of torch on fusion with side laps of 100mm and end laps of 150mm respectively onto the first layer.

All side and end laps should be staggered. All upturns to be a minimum of 150mm protruding above finished ground level.

DRAINAGE/PROTECTIVE BOARD

Horizontal:

abe.®drain 20P with geotextile should be used on the horizontal surfaces of the roof gardens, to ensure sufficient water retention yet providing drainage.

Vertical:

abe.®drain G is to be used on the vertical areas of the roof gardens, to provide an efficient drainage and protective system.

FLASHING

Use **super laycryn** or **super laykold** flashing system with **abe® membrane** in conjunction with the plain finish.

GENERAL

A 10 year back to back insurance guarantee is effective on condition that work shall only be installed by contractors accredited by **a.b.e.® Construction Chemicals Limited**.

Care must always be taken when working with open flames, potential fire hazard, and molten bitumen from the process, employ safety equipment and clothing where necessary.

Special care must be given to all expansion/construction joints refer to your **a.b.e.®** Technical Representative concerned for specific details.

All the products are to be applied in accordance with the manufactures instructions.

Data sheets are to be read carefully for additional information.