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Cavity Tray / DPM
(see Note F)

DANOPRIME+ and DANOSEAL
(see Note E)

Separate Counter Flashing

Mechanical Restraint
(see Note F)

Minimum 50mm Cover
(past mechanical penetration)

POLYDAN 180-40/P ELAST Underlay
(or ESTERDAN 30/P ELAST AUTOADHESIVO for non-Safe2Torch substrates
see www.nfrc.co.uk/Safe2Torch for details)

DURA-DAN System Tank
(installed to 150mm above horizontal surface finishes)
(DURA-DAN ELAST 110/50 Elastomeric Liquid installed to 200mm)

Minimum 150mm
Upstand Height
(see Note D)

DANOFLOW
(see Note A)

DANOPREN XPS Insulation
(as specification)

Drawing Notes:

All substrates should be primed with BITUMEN PRIMER HM. Structural substrates shown in this drawing are for illustrative purposes only.

20-40mm round washed stone covering shown for illustrative purposes only.

All POLYDAN and ESTERDAN membrane side overlaps should be a minimum of 80mm and head laps a minimum of 100mm.

Note A:
DANOFLOW should be turned up at perimeters to the full height of the coverings.

Note B:
DANOPREN UPSTAND BOARDS should be restrained at the base with the field area insulation and at the top edge with a retaining angle. The boards should neither be mechanically fastened or adhered.

Note C:
ESTERDAN 30/P ELAST AUTOADHESIVO does not form part of the system for cast-concrete to cast-concrete changes of plane, or where no structural movement is anticipated. The product should be bonded a minimum of 100mm onto both substrates. When the ESTERDAN 30/P ELAST AUTOADHESIVO is not required, the DURA-DAN REINFORCEMENT MESH should be continued in its place. Where movement is likely to be more than 10mm in each plane, please speak to our technical department.

Note D:
Minimum upstand height is measured from the finished surface of the roof finishes to the first mechanical penetration of the waterproofing or otherwise vulnerable junction. When specifying any finishes, such as paving slabs, stone ballast or a living roof, the measurement is made from the top surface of the finishes, not from the waterproofing level.

Note E:
Sealants are considered maintenance items and should be checked and replaced regularly as part of annual roof maintenance procedures.

Note F:
DANOSA Edge Restraint Bar (or similar), mechanically fastened at 200mm centres.

Note G:
The cavity tray / DPM must discharge over the top of any lead counterflashing,

POLYDAN 180-40/P ELAST Capsheet
(or POLYDAN 50/GP ELAST+ GARDEN where planting exists)

ESTERDAN 30/P ELAST
AUTOADHESIVO (see Note C)

POLYDAN 180-40/P ELAST+ HM
(or POLYDAN 180-40/P ELAST+ HM GARDEN where planting exists)

DURA-DAN ELAST 110/50 Elastomeric Liquid
(applied in a single application)

DURA-DAN REINFORCEMENT MESH
(embedded in DURA-DAN ELAST 110/50 elastomeric liquid)



Building together

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Drawing Title:
Abutment Over 150mm High With Separate Counterflashing
DURA-DAN® Structural Hot Melt - Inverted