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# Thermoflex waterproofingsystem

## PHYSICAL

Colour Black

Total Solids 100%

## PROPERTIES

Specific Gravity 1.3 – 1.4

Water Vapor Permeability Impermeable

Chemical Resistance Resistant to mild acids  
and alkali solutions.

Not resistant to hydro-  
carbon solvents, diesel

Slump Resistance Will not slump on a  
vertical surface at 95 c

Penetration(100g/5s/70c) 50-60

Cold Flexibility(20mm mandrel) < 5c<sup>0</sup>

Elongation @ 25c >25%

Tensile Strength >900 N/5cm

Tear Resistance >300 N

## APPLICATIONS

Concrete Roof Decks See application sheet 1

Planters and Flower Boxes See application sheet 2

Under Screed or Tiles See application sheet 3

Water Retaining Structures See application sheet 4

Vehicular Traffic Areas See application sheet 5

## DESCRIPTION

Thermoflex AP is a torch on APP modified bitumen

Membrane, available in 3.5, 4.5, and 6 kg/m sq grades  
in 10m roll lengths 1m wide

technical data sheet

## CONSTRUCTION

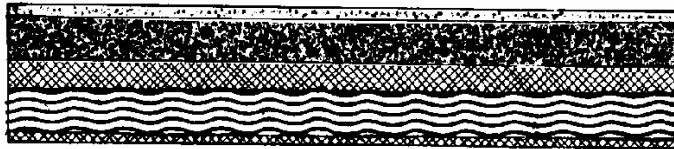
The membrane consists of a 10 micron LDPE plastic to prevent blocking

The adhesive layer of modified bitumen

A stabilized 180 gm needle punch polyester carrier

A weathering layer of modified bitumen coated with silica to prevent blocking and supply a surface key for decorative finishing coatings.

SILICA FINISH SURFACE



WEATHERING COURSE  
POLYESTER CARRIER  
ADHESIVE COURSE