

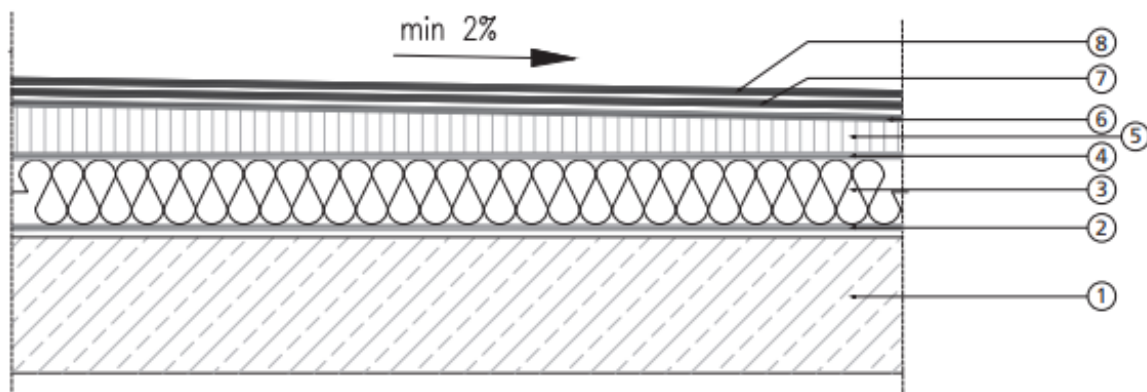
Topic 6 WATER ISOLATION

Practical Exercise -1:

Working with a sample image

You are obliged to know some basic waterproofing terms. You can see a waterproofing application with a cross-sectional view in the picture. Match the terms with the correct numbers.

Detail of a brand new waterproofing and thermal insulation application to a single (warm) flat roof.



Bitumen primer

Polyethylene foil

Reinforced concrete slab

Waterproof bituminous membrane (2nd layer, with mineral paving coat or no paving coat in case there is solid protection, warm roof covering or 'green' roof)

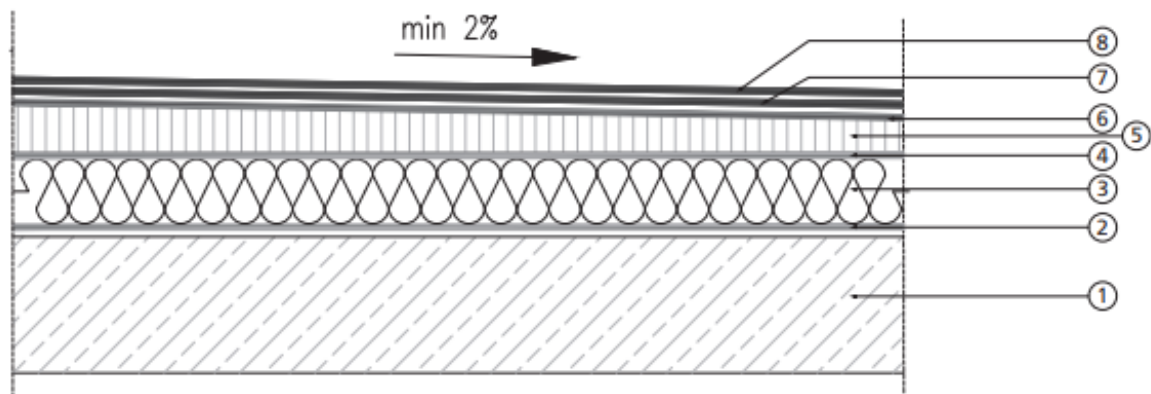
Cement slope plaster (concrete)

Vapour barrier

Waterproof bituminous membrane (1st layer, no paving coat)

New thermal insulation layer (board thickness according to calculations)

Detail of a brand new waterproofing and thermal insulation application to a single (warm) flat roof.



1. Reinforced concrete slab
2. Vapour barrier
3. New thermal insulation layer (board thickness according to calculations)
4. Polyethylene foil
5. Cement slope plaster (concrete)
6. Bitumen primer
7. Waterproof bituminous membrane (1st layer, no paving coat)
8. Waterproof bituminous membrane (2nd layer, with mineral paving coat or no paving coat in case there is solid protection, warm roof covering or 'green' roof)