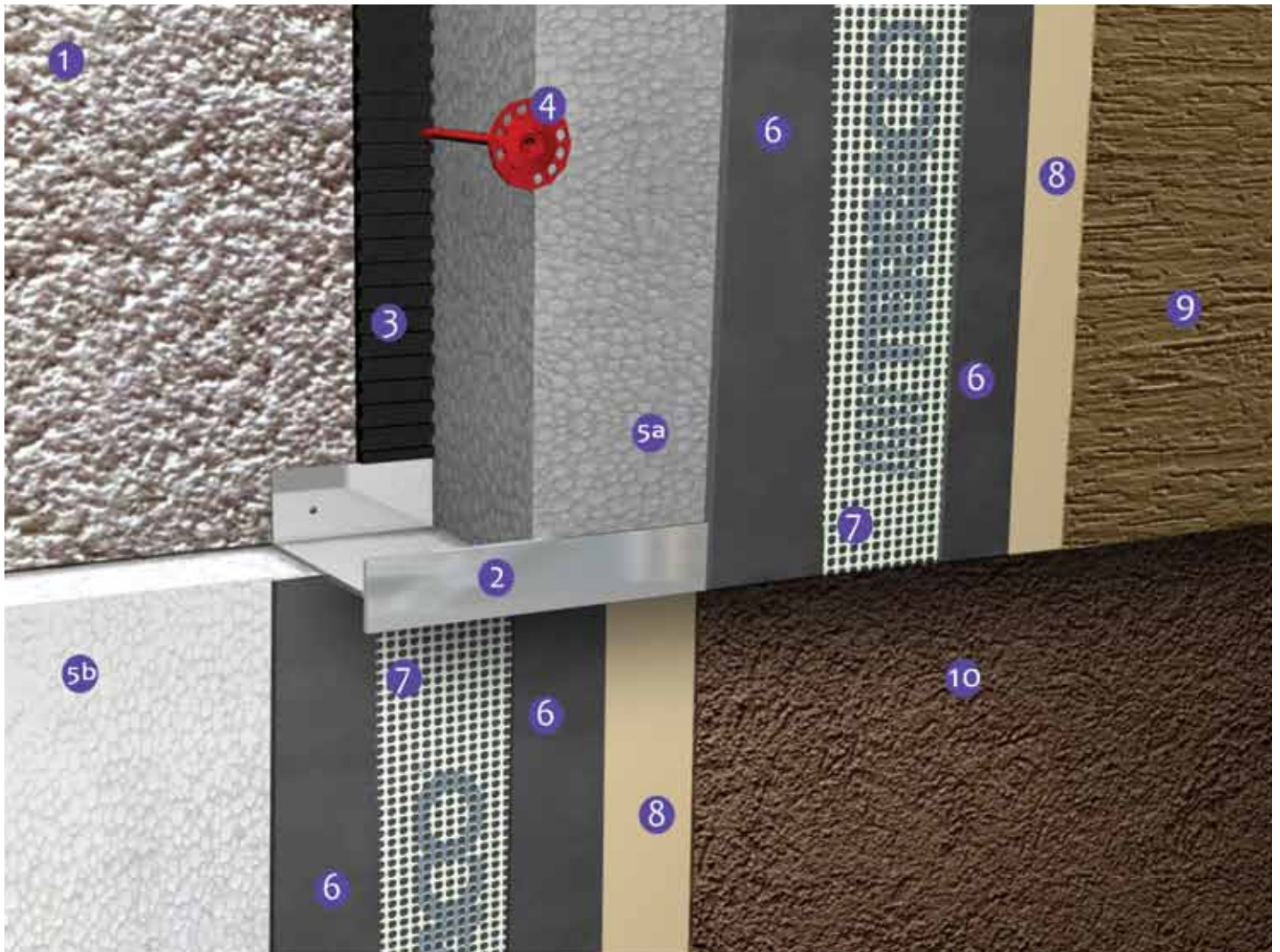
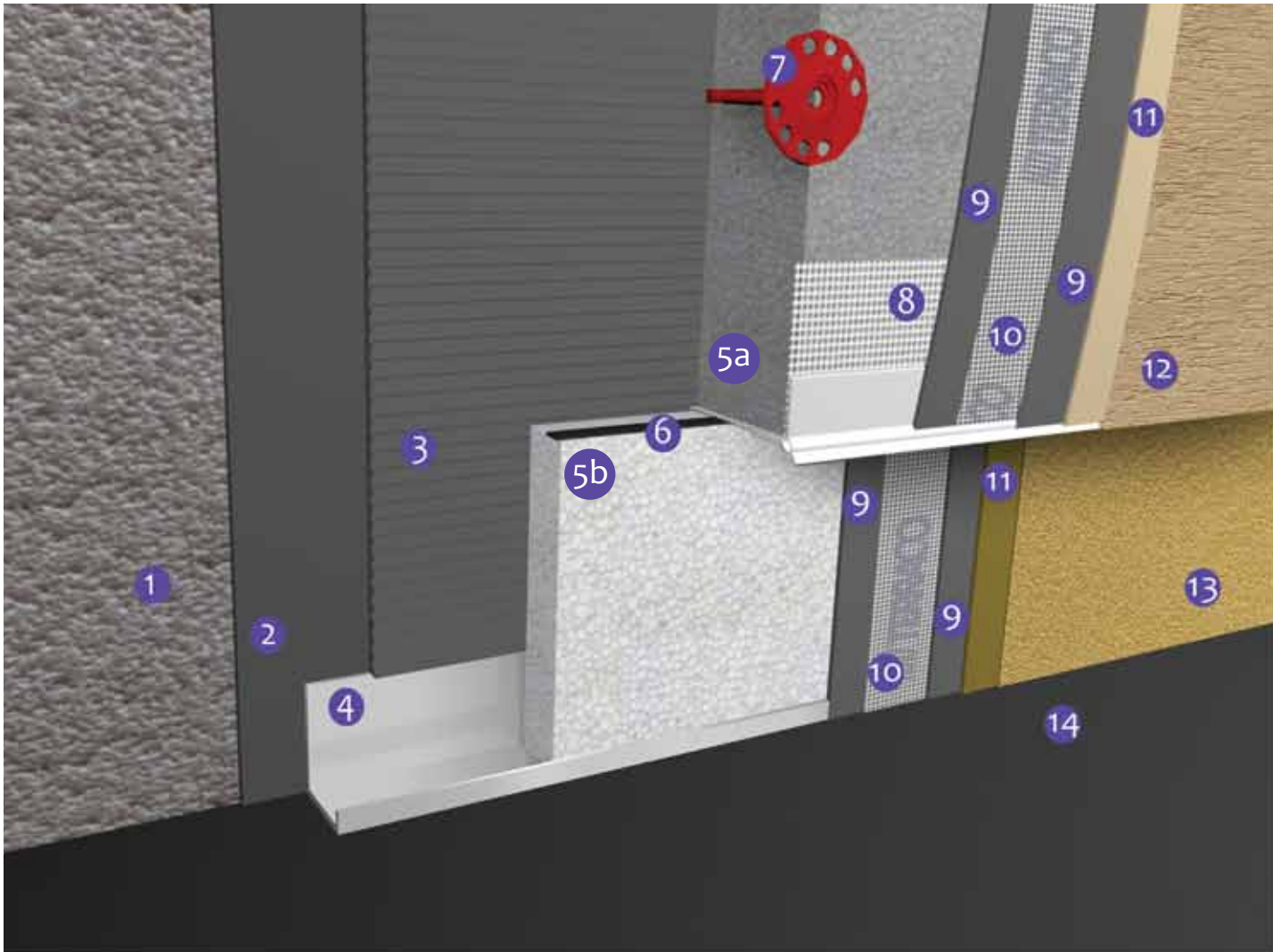


External Thermal Insulation Composite System Insulation below ground level



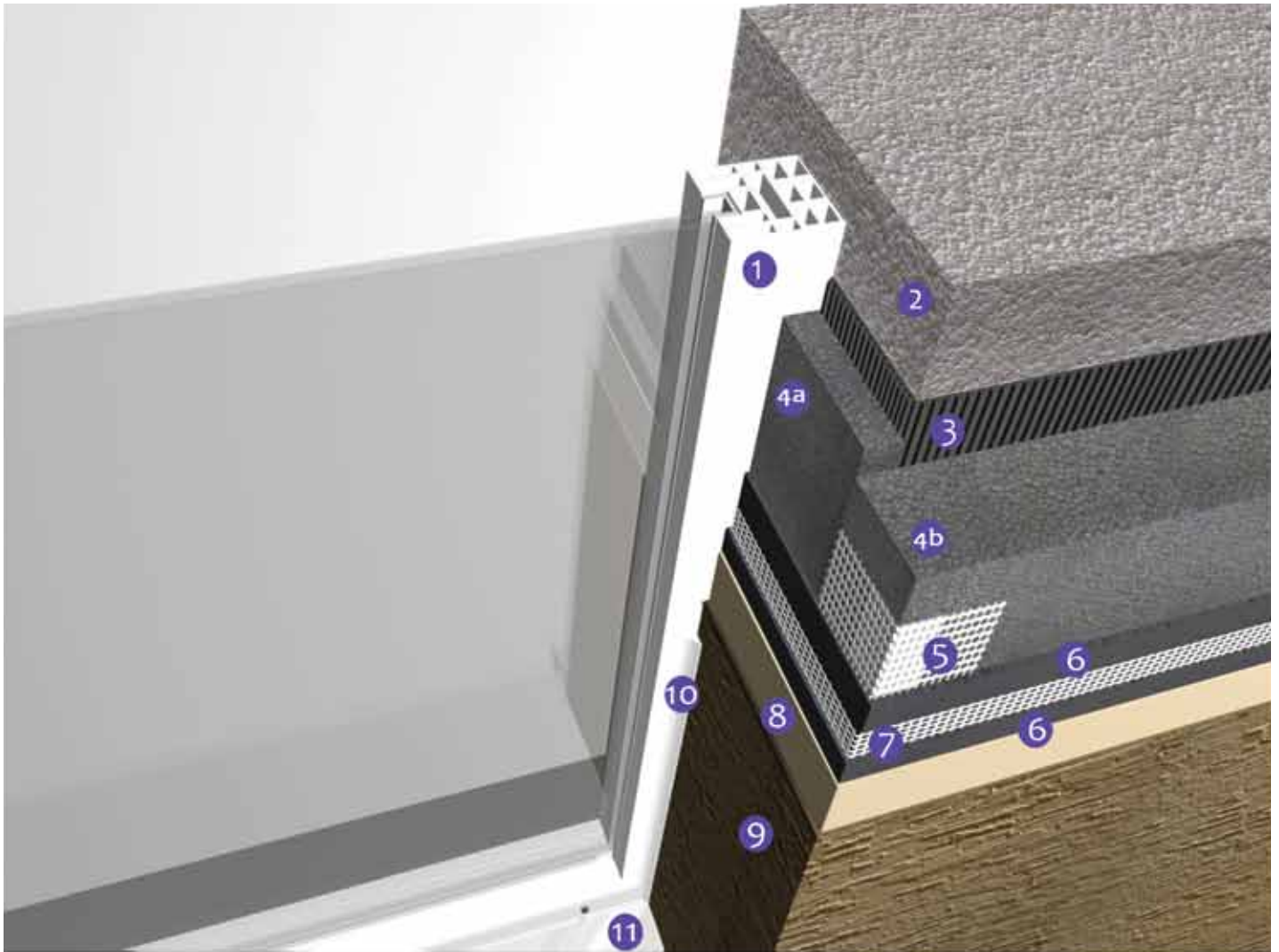
1. Concrete wall substrate
2. Aluminium starter base profile
3. Terraco Styrofix (adhesive)
4. Mechanical fastener
5. a. Graphite enhanced polystyrene board
b. HD polystyrene board
6. Terraco Styrobond DP (basecoat)
7. Terraco EIFS mesh
8. Terraco P Primer Pigmented
9. Terraco Terracoat Excel
10. Terraco Terracoat Granule

External Thermal Insulation Composite System Insulation to existing ground level



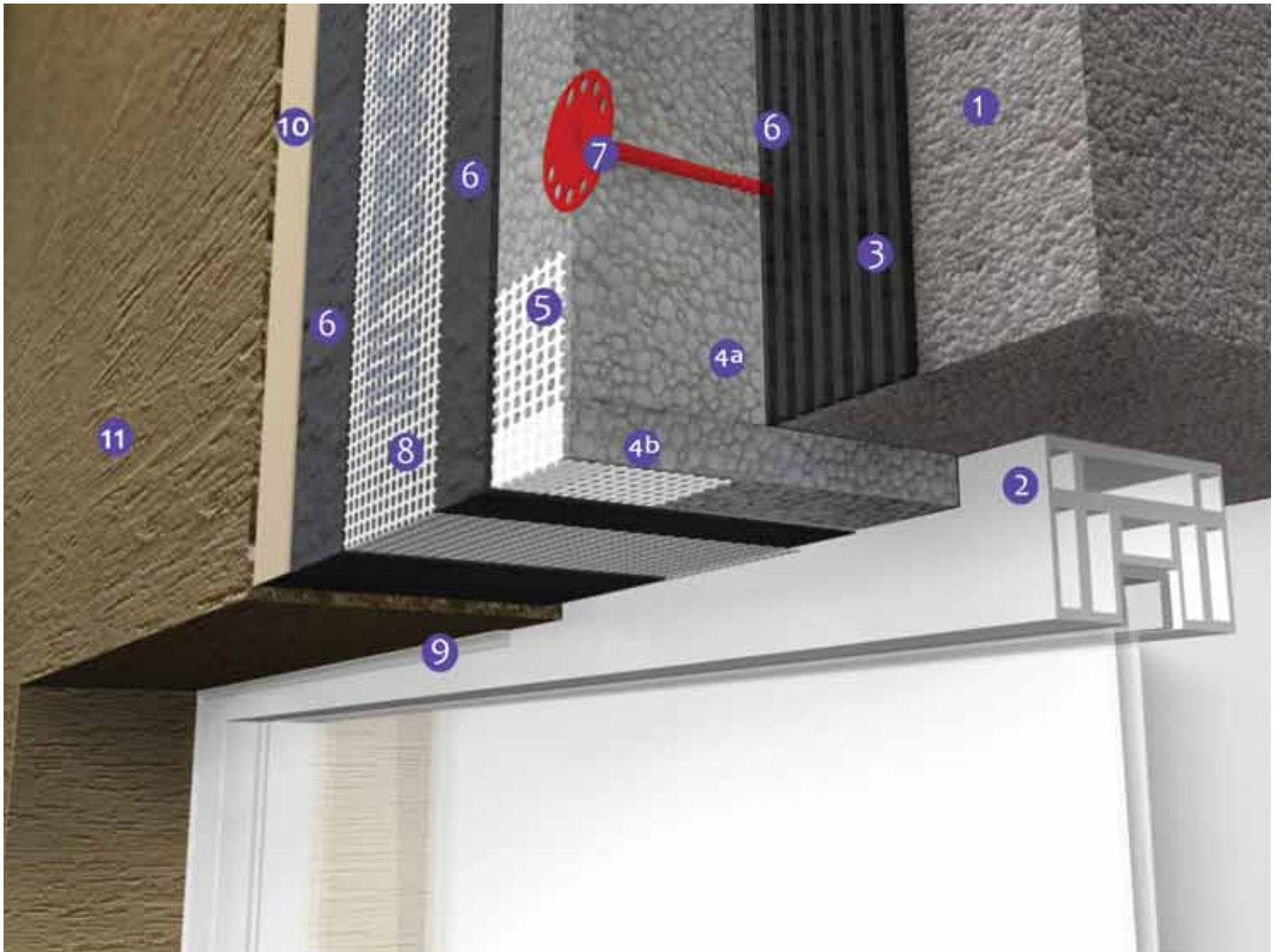
1. Concrete wall substrate
2. Existing substrate render finish
3. Terraco Styrofix (adhesive)
4. Aluminum starter base profile
5. a. Graphite enhanced polystyrene board
b. HD polystyrene board
6. Seal Tape 2D
7. Mechanical fastener
8. Starter profile
9. Terraco Styrobond DP (basecoat)
10. Terraco EIFS mesh
11. Terraco P Primer Pigmented
12. Terraco Terracoat Excel
13. Terraco Terracoat Granule
14. Existing ground level

External Thermal Insulation Composite System Window reveal detail



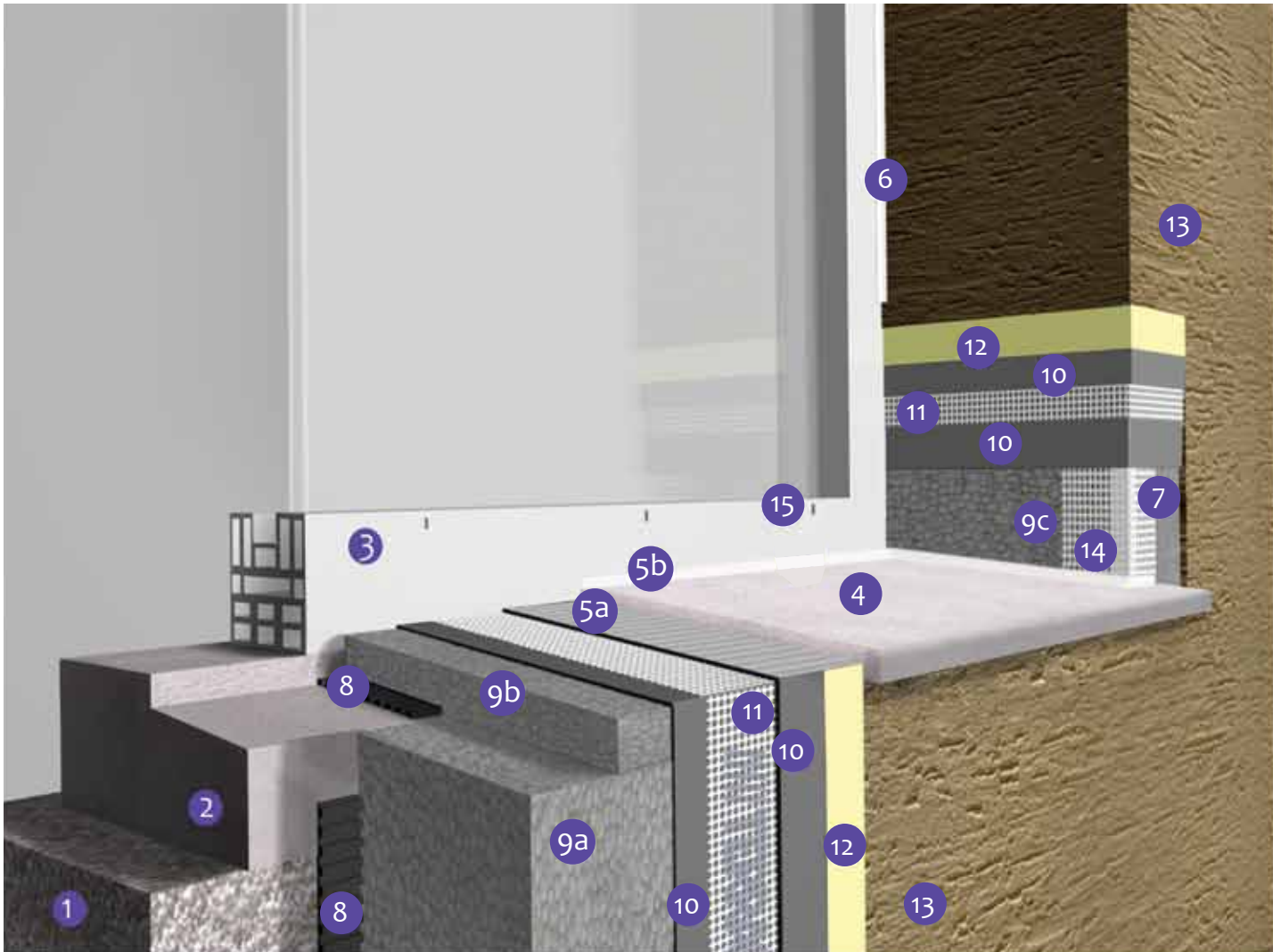
1. Window frame
2. Concrete substrate
3. Terraco Styrofix (adhesive)
4. a. Graphite enhanced polystyrene insulation board 25mm
b. Graphite enhanced polystyrene insulation board 100mm
5. Corner bead
6. Terraco Styrobond DP (basecoat)
7. Terraco EIFS mesh
8. Terraco P Primer Pigmented
9. Terraco Terracoat Excel
10. Window reveal bead
11. Powder coated aluminium sill profile

External Thermal Insulation Composite System Window head detail



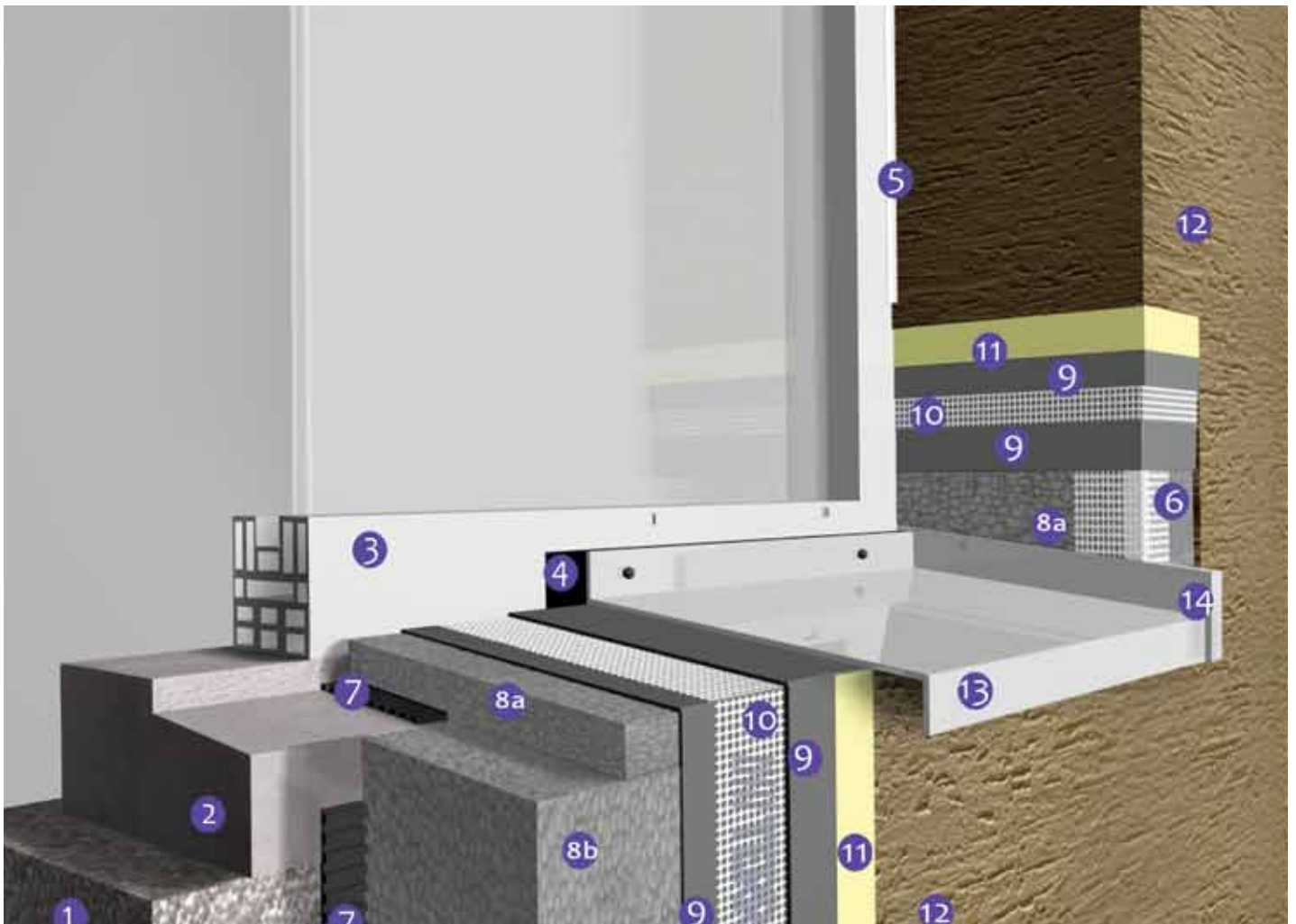
1. Concrete wall substrate
2. Window frame
3. Terraco Styrofix (adhesive)
4. a. Graphite enhanced polystyrene board 100mm
b. Graphite enhanced polystyrene board 25mm
5. Corner bead with mesh
6. Terraco Styrobond DP (basecoat)
7. Mechanical fastener
8. Terraco EIFS mesh
9. Reveal bead
10. Terraco P Primer Pigmented
11. Terraco Terracoat Excel

External Thermal Insulation Composite System Concrete sill detail



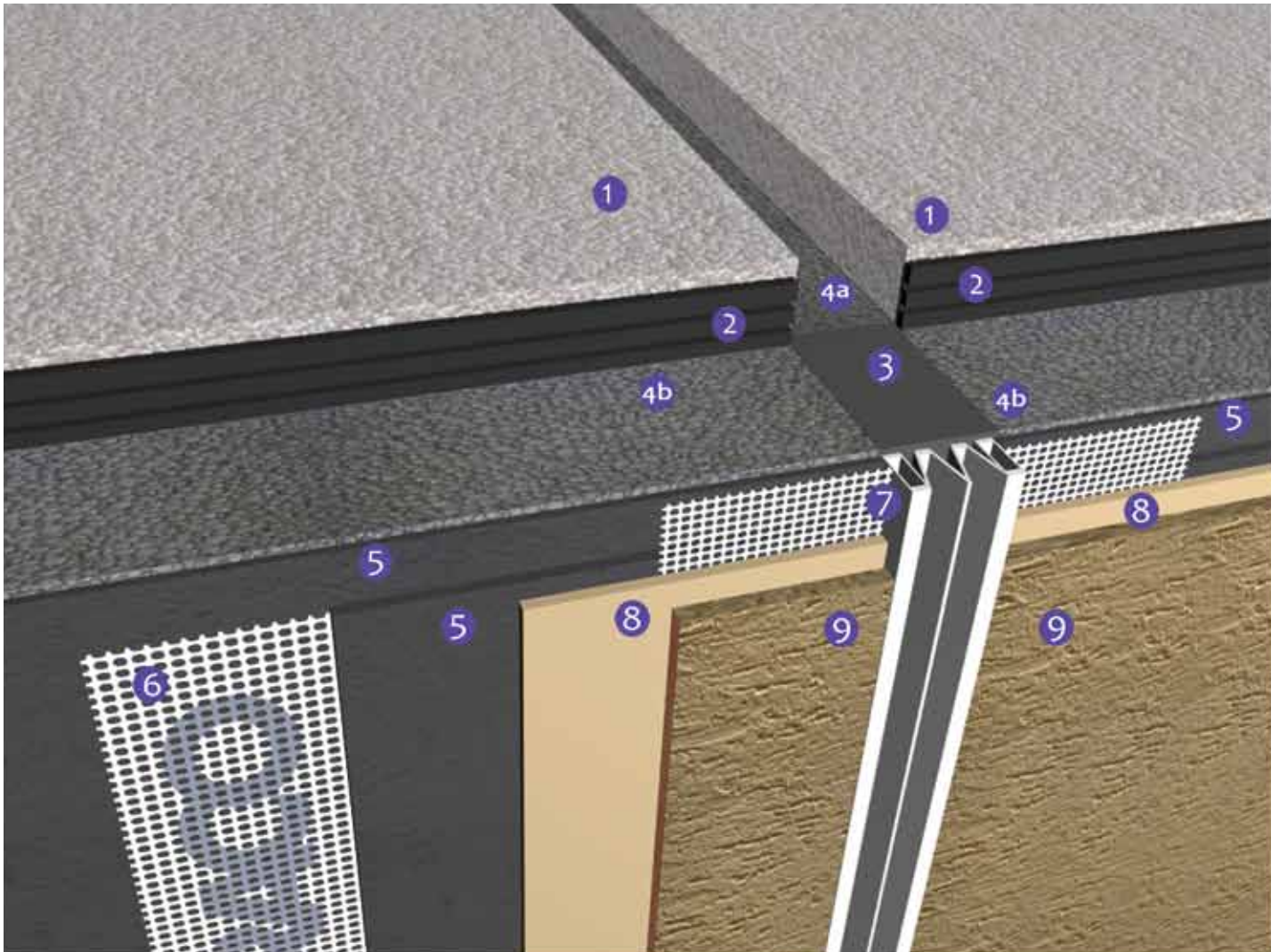
1. Existing rendered concrete wall substrate
2. Existing concrete sill (shown cut back)
3. Existing window frame
4. NSAI & Terraco approved glass reinforced concrete (GRC) over sill
5. a. Terraco approved adhesive
b. Terraco approved one compound polyurethane sealant
6. PVC window reveal bead
7. PVC corner bead
8. Terraco Styrofix (adhesive)
9. a. Graphite enhanced EPS boards to main walls
b. Insulation under concrete over sill
Note: Recommended 15mm EPS where achievable.
It is critical that existing weep holes on window frames are not covered.
- c. Reveal insulation boards to be fitted after concrete and over sill fitting
10. Terraco Styrobond DP (basecoat)
11. Terraco EIFS mesh
12. Terraco P Primer Pigmented
13. Terraco Terracoat Excel
14. Indicative depth that concrete is built over the sill and sealed into EIFS system
15. Existing window weep holes are not to be covered

External Thermal Insulation Composite System Aluminium sill detail



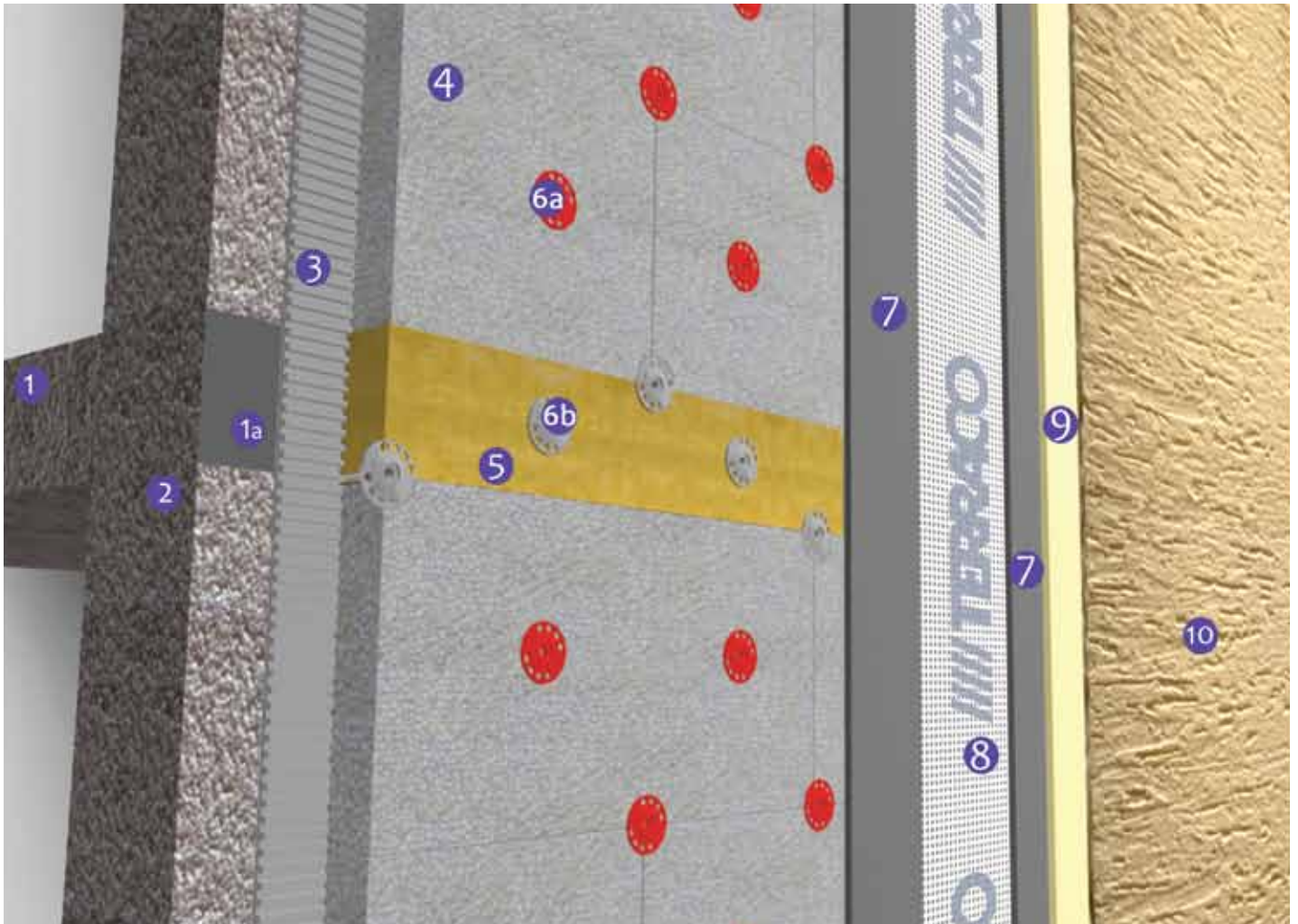
1. Concrete substrate
2. Existing concrete sill cut back to wall
3. Window frame
4. Window seal tape
5. Window reveal bead
6. Corner bead
7. Terraco Styrofix (adhesive)
8. a. Graphite enhanced polystyrene insulation board 25mm
b. Graphite enhanced polystyrene insulation board 100mm
9. Terraco Styrobond DP (basecoat)
10. Terraco EIFS mesh
11. Terraco P Primer Pigmented
12. Terraco Terracoat Excel
13. Powder coated aluminium sill profile
14. Sill end cap

External Thermal Insulation Composite System Movement joint detail



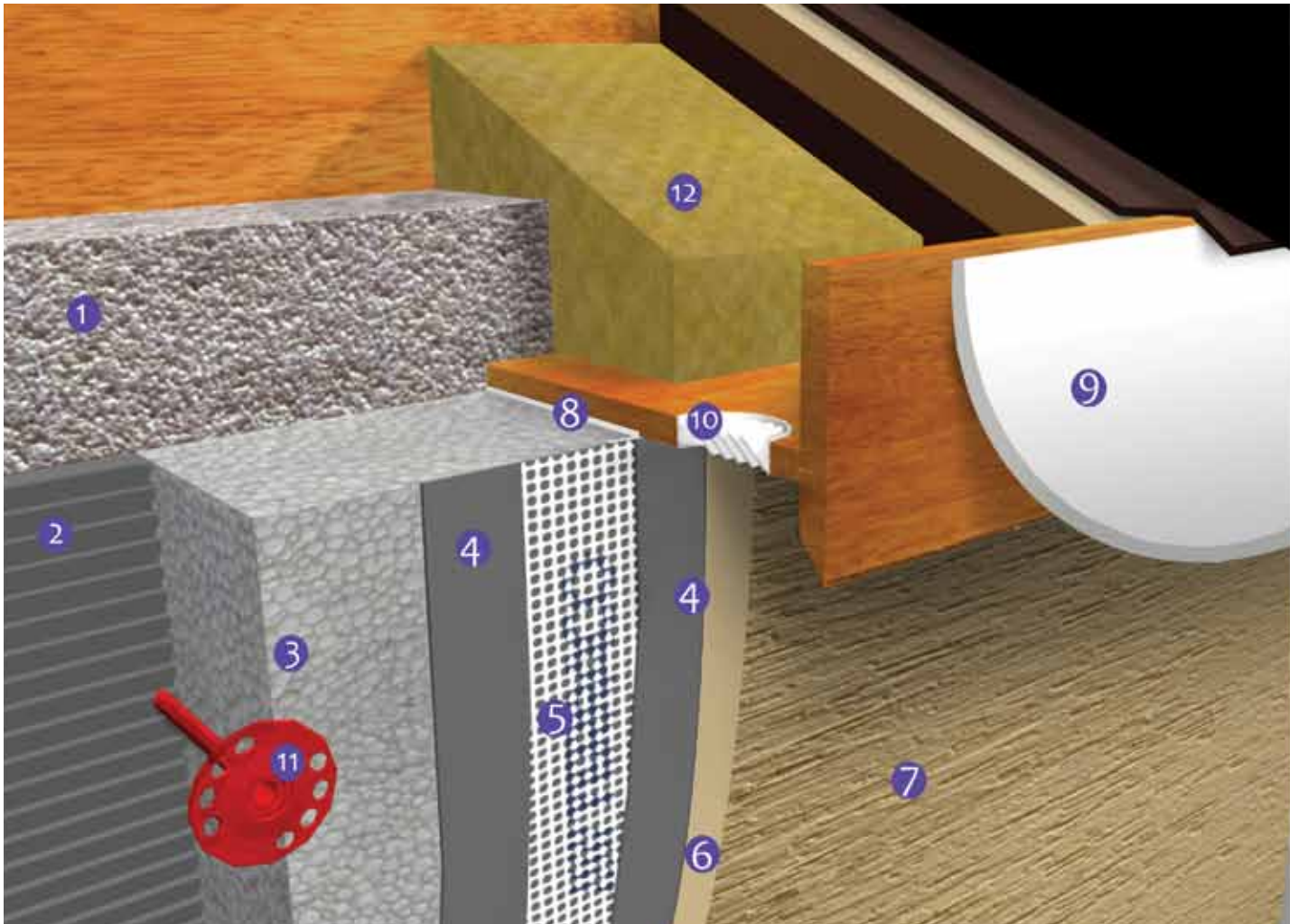
1. Concrete substrate
2. Terraco Styrofix (adhesive)
3. High density EPS to fill joint
4. a. Existing structural expansion joint
b. Existing structural expansion joint 10 mm
5. Terraco Styrobond DP (basecoat)
6. Terraco EIFS mesh
7. PVC movement joint profile
8. Terraco P Primer Pigmented
9. Terraco Terracoat Excel

External Thermal Insulation Composite System Fire break detail



1. Floor Slab
 - a. Terraco Weathercoat (waterproofing system)
2. Concrete wall substrate
3. Terraco Styrofix (adhesive)
4. Graphite enhanced EPS boards
5. Lamella wool fire break
6. a. Mechanical fastener
 - b. Fire rated fixings at 400 centres
7. Styrobond DP (basecoat)
8. Terraco EIFS mesh
9. Terraco P Primer Pigmented
10. Terraco Terracoat Excel

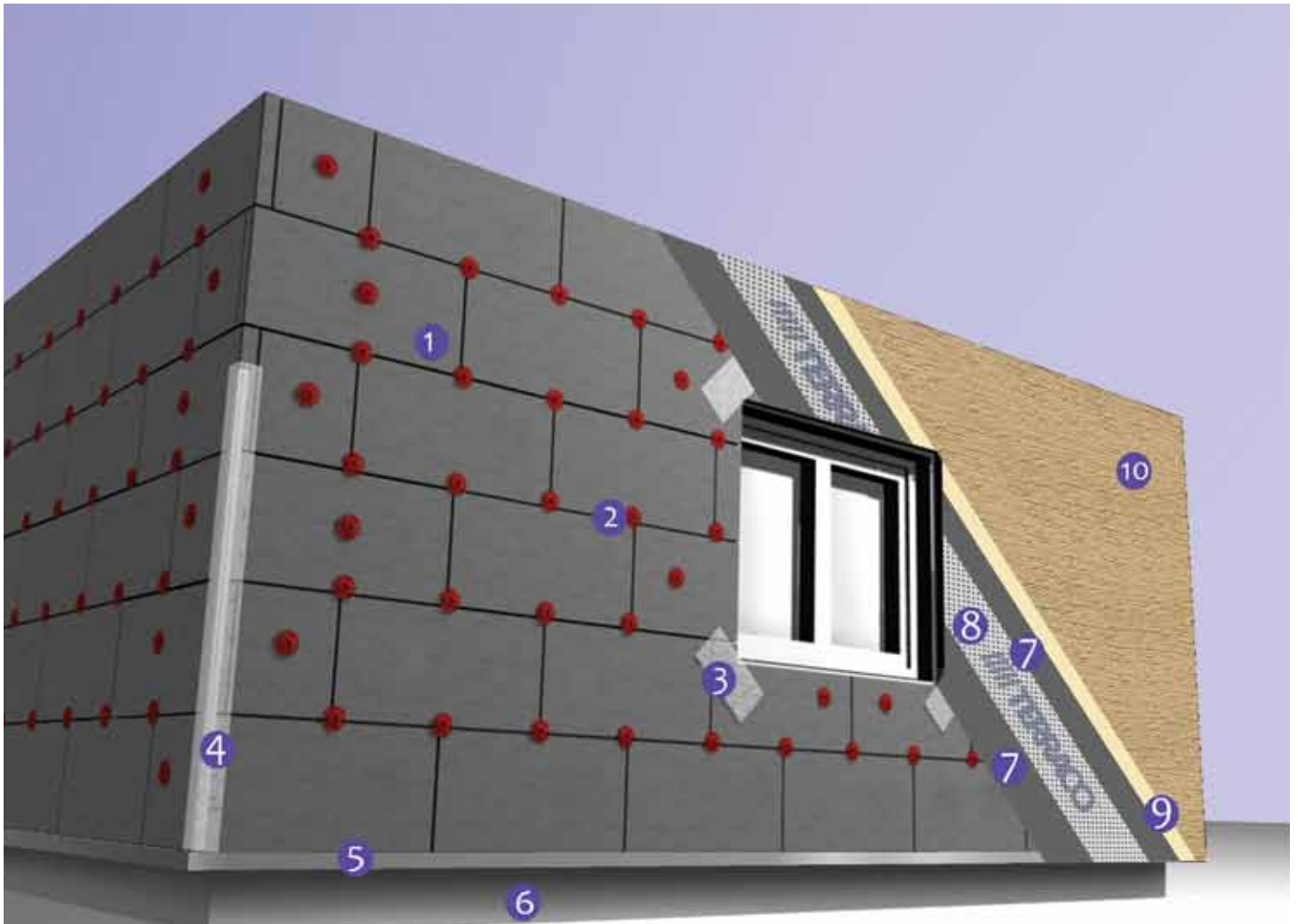
External Thermal Insulation Composite System Soffit detail



1. Concrete wall substrate
2. Terraco Styrofix (adhesive)
3. Graphite enhanced polystyrene board
4. Terraco Styrobond DP (basecoat)
5. Terraco EIFS mesh
6. Terraco P Primer Pigmented
7. Terraco Terracoat Excel
8. Terraco approved mastic sealant at junction with existing soffit
9. Downspout
10. Ventilation to be maintained / replaced as required
11. Mechanical fastener
12. Existing insulation to roof rafters with 50mm air ventilation gap

External Thermal Insulation Composite System

Arrangement of mechanical fasteners and corner reinforcement mesh at openings



1. Graphite enhanced EPS boards
2. Mechanical fastener
3. Terraco mesh strips 200 x 300 mm - corner reinforcement at openings
4. Corner bead profile with reinforcement mesh
5. Aluminum base profile
6. Below DPC per detail
7. Terraco Styrobond DP (basecoat)
8. Terraco EIFS mesh
9. Terraco P Primer Pigmented
10. Terraco Terracoat Excel