VENTILATED FAÇADE SYSTEM FOR MOUNTING FIBROCEMENT, HPL PANELS AND AQUAPANEL WITH VISIBLE FASTENING ELEMENTS
detail 1- fibrocement, HPL panels and aquapanel

1. fibrocement, HPL panels and aquapanel
2. main profile
3. fixing bracket 100mm
4. thermo-insulation pad
5. anchor
6. rivet – 4.8x12
7. rivet – 4.0x18
8. thermal insulation with black veil

*The dimensions ‘x’ and ‘y’ are defined from the producer of the façade material.
*The cladding material should be mounted in accordance with the instructions for fixed and flexible supports.
The fasteners are determined by the manufacturer of the cladding material.
For cladding material with horizontal dimension longer than 650mm, medial L profiles should be used.
The distance z is determined by the manufacturer of the cladding material.

100mm

detail 2- fibrocement, HPL panels and aquapanel

1. fibrocement, HPL panels and aquapanel
2. main profile
3. fixing bracket 100mm
4. thermo-insulation pad
5. anchor
6. rivet – 4.8x12
7. rivet – 4.0x18
8. joint profile
9. thermal insulation with black veil

*The dimensions ‘x’ and ‘y’ are defined by the producer of the façade material.
*The cladding material should be mounted in accordance with the instructions for fixed and flexible supports.
The fasteners are determined by the manufacturer of the cladding material.
The engineering design of this product is an intellectual property of ETEM Building Systems. Copying and distributing any parts of the product is a violation of copyright law.
detail 2.1- fibrocement, HPL panels and aquapanel

1. fibrocement, HPL panels and aquapanel
2. main profile
3. fixing bracket 100mm
4. thermo-insulation pad
5. anchor
6. rivet – 4.8x12
7. rivet – 4.0x18
8. thermal insulation with black veil

detail 3- fibrocement, HPL panels and aquapanel

1. fibrocement, HPL panels and aquapanel
2. etalbond®
3. main profile
4. fixing bracket 100mm
5. fixing bracket 40mm
6. thermo-insulation pad
7. rivet 4.8x12
8. rivet 4.0x18
9. anchor
10. F profile
11. aluminum sheet-3mm
12. thermal insulation with black veil
13. waterproofing
14. steamproofing membrane
15. plasterboard
16. decorative PVC profile
detail 4 - fibrocement, HPL panels and aquapanel

1. fibrocement, HPL panels and aquapanel
2. etalbond®
3. main profile
4. fixing bracket 100mm
5. fixing bracket 40mm
6. thermo-insulation pad
7. rivet 4.8x12
8. rivet 4.0x18
9. plug
10. F profile
11. perforated metal sheet
12. L profile
13. aluminum sheet - 3mm
14. thermal insulation
15. waterproofing
16. steamproofing membrane
17. plasterboard
18. decorative PVC profile

detail 5 - fibrocement, HPL panels and aquapanel

1. fibrocement, HPL panels and aquapanel
2. etalbond®
3. main profile
4. fixing bracket 100mm
5. fixing bracket 40mm
6. thermo-insulation pad
6. rivet 4.8x12
7. rivet 4.0x18
8. self drilling screw - 4.2x26
9. anchor
10. perforated metal sheet
11. L profile
12. thermal insulation
13. waterproofing
14. steamproofing membrane
15. drip sill
16. decorative PVC profile
17. plasterboard
18. decorative PVC profile
detail 6 - fibrocement, HPL panels and aquapanel

1. fibrocement, HPL panels and aquapanel
2. main profile
3. fixing bracket 100mm
4. thermo-insulation pad
5. anchor
6. rivet – 4.8x12
7. rivet – 4.0x18
8. perforated metal sheet
9. thermal insulation with black veil

detail 7 - fibrocement, HPL panels and aquapanel

1. fibrocement, HPL panels and aquapanel
2. etalbond®
3. main profile
4. fixing bracket 100mm
5. thermo-insulation pad
6. anchor
7. rivet 4.8x12
8. rivet 4.0x18
9. perforated metal sheet
10. L profile
11. aluminum sheet – 3mm
12. thermal insulation
13. waterproofing
14. plywood
detail 8 - fibrocement, HPL panels and aquapanel

1. fibrocement, HPL panels and aquapanel
2. main profile
3. fixing bracket 100mm
4. thermo-insulation pad
5. anchor
6. rivet – 4.8x12
7. rivet – 4.0x18
8. thermal insulation with black veil
9. aluminum sheet – 3mm

detail 9 - fibrocement, HPL panels and aquapanel

1. fibrocement, HPL panels and aquapanel
2. main profile
3. fixing bracket 100mm
4. thermo-insulation pad
5. anchor
6. rivet – 4.8x12
7. rivet – 4.0x18
8. thermal insulation with black veil
main profile

Profile 33633
Weight - 1039 g/m
Ix = 11.09 cm²
Wy = 2.27 cm²
Wy = 29.62 cm²
Wy = 4.94 cm²
A = 3.84 cm²

Profile 33548
Weight - 906.9 g/m
Ix = 10.06 cm²
Wy = 1.83 cm²
Wy = 22.16 cm²
Wy = 4.62 cm²
A = 3.35 cm²

Profile 10645
Weight - 529 g/m
Ix = 2.78 cm²
Wy = 0.89 cm²
Wy = 7.51 cm²
Wy = 1.82 cm²
A = 1.96 cm²

Profile 31064
Weight - 392 g/m

mounting distance from the construction base of T profile - 33548

* The main supporting profiles should be painted or overlapped with a black strip.
* It is recommended to cover the thermal insulation with a black veil.
fixing bracket

- 40 - 210 mm
- 160 mm

fastening elements

- chemical anchor
- threaded rod
- plastic sieve
- anchor
- plug
- rivet
- self drilling screw

accessories

- joint profile code 07shina
- thermo-insulation pad code 07pvcbreak00
- gratling
- washer code 07washerQ10

03/2010

The engineering design of this product is an intellectual property of ETEM Building Systems. Copying and distributing any parts of the product is a violation of the copyright law.