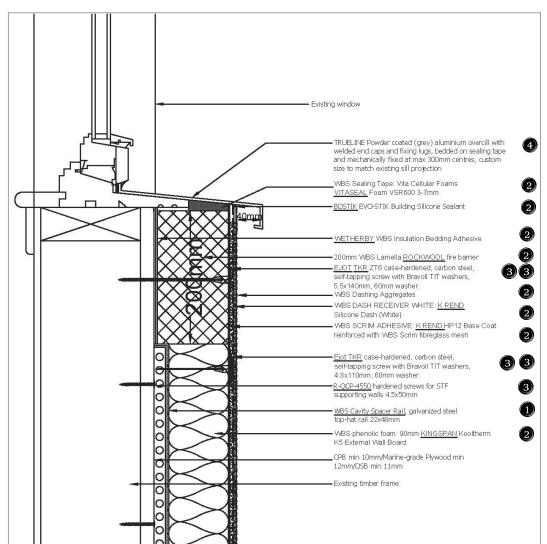
## **Typical Detail – Timber Frame Wall External Insulation – Window Fixing**



## NOTES:

1. WETHERBY RagRail KIWA system.

 WSS Can'ty Space Rail, Calvariaed steel to phat rail track 22x46mm, slotted and sideways perforated profile, scene fixed through sheathing board into existing timber studs to create cavity beind the insulation boards. Virtual rails should be fixed at maximum 150 mm or 300 mm centres, additional spacer support rails shall be installed around openings. Fire performance European dass B-s1, d0, in accordance with BS EN 13501-1, dynamic wind uplift up to 31k1/mg. Compressive setters at 10% deformation at 701/4s.

2. WETHERBY WBS Epsicon Insulation system as per specification.

- Insulation Bedding Adhesive.
- WBS phenolic foam: KINGSPAN Kooltherm K5 External Wall Board.
- WBS sealing tape: Vita Cellular Foams VITASEAL Foam VSR600 3-7.
- WBS Lamella ROCKWOOL fire barrier (façade)
- WBS Scrim fibreglass mesh: ADF ORDS reinforcing fabric
- WBS SCRIM ADHESIVE: K REND HP12 Base Coat.
- WBS DASH RECEIVER WHITE: K REND Silicone Dash (White)
- WBS Dashing Aggregates DERBYSHIRE AGGREGATES.
- SEALANT: BOSTIK EVO-STIK Building Silicone Sealant
- 3. Proprietary system fixings:

Rawloha R-CCP-4550 hardened screws for STF supporting walls 4.5/50mm. Threaded OSB/Chipboard screw with optimised head geometry with underhead authory ribs and doubtle cone head. Recess PZ2, Min. Installation depth 19mm, Min. substrate thickness 36mm, Min. spacing 30mm, Min. edge dictaces 30mm.

<u>Rawlobu R-OCP-5100</u> hardwared screws for STF supporting walls 5.0x100mm. Threaded OSB/Chipboard screw with optimised head geometry with underhead outling ribs and double cone head. Recess PZ2, Min. Installation depth 20mm, Min. substrate thickness 40mm, Min. spacing 30mm, Min. edge distance 30mm.

Eight TRC asse-hardened, carbon steel, self-tapping screw with Bravoll TT washers, 4.84110mm, 80mm washerfanchor, Anchor. BRAVOLL TT 60/5.20, Washer diameter: 80 mm, Minimum embedment nom: 20 - 40 mm, Anchor body material, shock-resistant polypropylene, Approval: 090-006720 TZUS Czech Republic. Screw material: Case-hardened steel, Climadur-coated – high-quality coating to improve corosion protection (15 Kestemich cycles, DIN 50018; 1997), bugle head. Diameter: 4.8 mm, Drilling capacity: 1.5 mm, Drive. Cross recess PH 2. Pre-assembled screw, high load-bearing capacities. Minimum spacing: 100mm, Minimum edge stance: 100mm.

Eigt TKR ZT6 case-hardened, carbon steel, self-tapping screw with Bravol TIT washers, 5.5x1 40mm, 60mm washer. Anchor BRAVOLLTIT 60/5-20, Washer dameter, 60 mm, Minimum embedment nom: 20 - 40 mm, Anchor body material shock-resistant polypropylene, Approval. 090-08720 TZUS Czech Republic. Screw material: Case-hardened steel, Climadur-coaled – high-quality coaling to improve corrosion protection (15 kestendic tycles, DIN 50018, 1997), bugle head. Diameter, 55 mm, Drilling capacity: 6 mm, Drive. Hexalobular drive T30. Pre-assembled screw, high load-bearing capacities. Minimum paperics: 10mm, Minimum ede distance: 10mm, Minimum ede distance: 10mm, Minimum ede distance: 10mm, Minimum ede distance: 10mm.

Fix insulation boards as per Manufacturer's recommendation. Fit tightly board edges together.

4. TRIMS, BEADS as per specification

- TRUELINE metal stop beads.
- <u>TRUE LINE</u> Bellcast drip beads.
- <u>TRUELINE</u> Movement beads.
- TRUELINE base beads.
- TRUELINE stop beads
- TRUELINE Comer beads
- <u>TRUELINE</u> Oversills
- TRUELINE Trims & flashings

Fix beads and trims at all joints, junctions and perimeters, straight and with a constant projection.

5. Refix retained services and fittings as per drawings and specification, use EWI proprietary fixing.

SWIFIX SWI-ST tube/spacer

SWIFIX SWI-TT tap fixing tube with expanded collar

SWIFIX SWI dish pad mounting plate with 4 point fixing sleeves EJOT TORX T40 FID