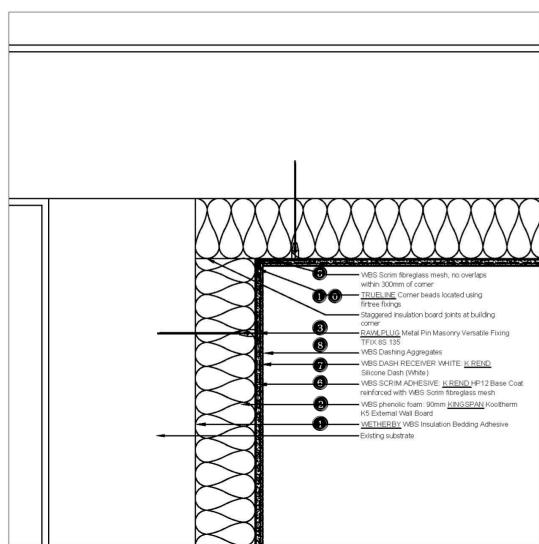
Typical Detail - Solid Wall External Insulation - Internal Corner Fixing



Notes:

- 1. WETHERBY WBS Insulation Bedding Adhesive: Polymer modified. Menufactured to ISO 9001. Material base: Polymer modified, Portland cement binder system containing immestone aggregate and specially selected fillers. Mixed Density: 1600-1750 Kg/m3, Compressive Strength: Class CS IV as tested to EN 9981. Flexural Strength: 20 N/mm-2, Adhesion Strength: 20 5 N/mm-2 (witnest estrength tested on concrete) 9.008 N/mm-2 (when tested on EP-Spane), Coverage, Approx 2.1 2.3Kg per mm thick per m2. Gauging Water: 45 5.5 litres of clean water per 25 kg sack. Working Temperature: 50C 30C. Application: Place gauging water in a clean mixing vessel. Add powder and mix with a suitable paddle attached to an electric drill until a lump-free consistency is achieved. Leave to stand for 3 minutes and re-mix. Apply a butter coat of the Insulation Bedding Adhesive over substrate which the insulation is to be fixed, ensuring all void areas are filled. Apply by hawk and trowel to insulation board in a continuous line around the perimeter and additional dabs in the centre; at least 50% of the board should be covered. Alternatively apply with a notiched trowel over the entire face of the board. Press the boards firmly onto the masonry substrate. WBS insulation Bedding Adhesive must be used within its working temperature range. It must not be used in freezing conditions or applied to frozen or thawing substrates. If adverse weather conditions are expected within 24 hours of application, it is important to protect the applied are al. In dry conditions, suction control of the backcround may be necessary. Cleaning: With settle mortar is still the mortar is still the mortar is still water. Once directed the material can only be removed mechanically. Packaning 25k6 back
- 2. WBS phenolic foam: kINGSPAN Kooltherm K5 External Wall Board, Standard: ISO 9001: 2015 (Quality Management Systems. Requirements), ISO 14001: 2015 (Environmental Management Systems. Requirements), ISO 5001: 2017 (Occupational Health and Safety Management Systems. Requirements), ISO 5001: 2017 (Cocupational Health and Safety Management Systems. Requirements with guidance for use), Fire performance: Euroclass RIF C-s1, d0, Thermal conductivity (maximum): Dependent upon thickness specified, 0.22 W/m K, Cross Section: Uniform thickness, Thickness: 90 mm, Face Size (length x width) 1200 x 600 mm, Compressive strength (minimum) at 10% compression: 100 KPa, Edges Square, Facing: Glass tissue based facing, Global warming potential: Less than 5, Green guide rating: A+, Ozone depletion potential: Zero, Core: Premium performance rigid thermoset fibre-free phenolic in sulant core, Colour: Pink
- 3. Proprietary external wall insulation fusings RAWLPLUG Metal Pin Masonry Versatile Fixing TFK 0S 135 Anchor body material: Polypropylene, Pin material: Calvanised steel Screw set. Long plastic overmoulding to minimise thermal bridging (value 0.002W/K), Plate stiffness 0.6 kl/mm, Pre-assembled screw, high load-bearing capacities. Minimum installation depth: 25mm, Holk depth in substrate: 40 mm, Drill hole diameter: 8 mm, Plate diameter: 60mm, Minimum pacing: 100mm, Minimum edge distance: 100mm, ETA. Certificate Number: ETA-11.0144 ETA Classification: A B C. Typical pull out into solid brick/concrete block: 1.20 kN, recommended load: 0.43kN, Length: 135mm, Oty per box: 200.
- 4. WBS sealing tape: Yta Cellular Foams VTASEAL Foam VSR600 3.7° offy pre-formed strip seal with viscoelastic properties, combination of resilient foam and a water resisting formed strip seal to resist weather ingress in fenestration, noise and vibration damping and with flame restardant propers. Open cell polyurethane foam heavily impregnated with acrylics creating under high compression. For increased raining condition and fully resistant to UV. Tested to DIN 52. Supplied in rolls, pre-compressed to approximately 85%. Material: Polyurethane cellular foam, impregnated with flame retardant acrylic resin, Classification: Class 1 to NF 985-570, 851 to DIN 1854.2, Fire resistance: 81, self-exhinguishing, Wateright against driving rain DINS2453: 800 Pa minimum, Vapour resistanty DIN 1854.2, m. (1). Tensile strength ISO 1798-170 Pag. Incident on the resistance is a self-exhinguishing. Wateright against driving rain DINS2453: 800 Pa minimum, Vapour resistanty DIN 1854.2, m. (1). Tensile strength ISO 1798-170 Pag. Incident on the recommendation. Fit tightly board edges together to achieve U-value of DI 9 Winn's.
- 5. WBS Scrim fibreglass mesh: ADFORDS reinforcing fabric made from continuous filament yarn in an open mesh construction. The laid scrim manufacturing process chemically bonds non-woven yarns together, enhancing the scrim with unique characteristics. Fibers used: Fiberglass Features: Dimensional stability, Tensile strength, Alkali resistance, Tear resistance, Fiber resistance, Anti-microbial properties, Water resistance. Width: 38 to 5300 mm, Roll length: Up to 120 000 lm, Yarns: Glass, Construction: Square, in-& quad-directional, Patterns: From 0.4 yarns/cm to 4 yarns/cm (1 yarn/s to 18 yarns/s/n), Tensile strength range: From 35.5 to 568 N/5 cm in each direction, Bonding: PVOH, Complexes for combination materials: scrim bonded to: dass non-woven.
- 6. WBS SCRIM ADHESIVE: K PEND HP12 Base Cost with High Polymer technology, for stipple cost, soud cost or for dense backgrounds with increased water resistance and adhesion. Incorporation of Alkali Resistant Reinforcing Mesh may be requised. Polymer modified and cement based. Applied in 1 coat as a backing for K Rend finishes. Coverage: 1 8kg /mm Hick / sq m, Require. 8-11 kg/sq m approx. of normal 4-6mm Hickness, Kifemark (Dassifications: Compressive strength: CS IV, Capillary Water Absorption Category: W2, Thermal Conductivity: P=50% 0.61. Application: Mix for at least 5 minutes to break down additives, Add 5-6 litres of dean water per 25kg sack, Apply by hawk and trowel, lift the next cost is to be a K Rend finish form a light key by scratching as per good ender practice,
- 7. WBS DASH RECEIVER WHITE: K REND Silicone Dash (White) CE marked to BS EN 996:1 and manufactured in accordance with a quality system approved to BS EN ISO 901:2015 by 95 registration number FM 85534 k. Is specifically designed to incorporate the benefits of silicone water repellents into a cerement based render system. Silicone base is a high water repellent quality, while allowing water vapour to pass freely through the render; thus the amount of dirt adhering to the surface is greatly reduced, ensuring a freshly rendered appearance for a prolonged period of time. This dry surface also improves the resistance of the finished render to algae growth and the natural phenomenon of imen-blown. Coverage: 1.5kg per mt blick per mt. Skig per mt. appropriate quantity of clean water per 25kg sack. Mix thoroughly for at least 10 minutes to break down additives. Apply a butter coat of render to a uniform thickness, depending on the aggregate size. While the render is still plastic, throw washed aggregate into the surface to give a uniform dense come, Immediately than the aggregate particles lightly into the butter coat with a wood float and ensure a good bond is obtained. PACKAGING & STORAGE K Rend renders are usually packed 40 sacks per tonne. All render sacks must be unterted no site.
- 8. WSS Dashing Aggregates DERBYSHIRE AGGREGATES Natural aggregates, crushed rock including grantle, dolerite, limestone, basal, sandstone, slate, felsites, quartitie's and marbies. Natural cobbies, boulders and rockery stone of the above types. Dimensional stone of the above types Apply render in coats: base coat and finish coat, dub out in thickness in fecessary. To finish roughcast cast with an even thickness and texture. Apply firmly and in one confinuous operation between angles and joints.
- 9. SEA_ANT: BOSTIK EVO-STIK Building Silicone Sealant is a one part, low modulus, neutral cure sealant. For use in properly designed exterior high movement joints, especially around door and window frames. Non corrosive towards metal. Suitable for all types of frames including aluminum, hardwood and PVCu. Good adhesion to glass, painted wood, ceramic, enamel and stainless steel and many plastics. Sizes: C20 cartridge. Coverage: Approx. 10m of a 5mm bead per cartridge. Colours: White, Clear, Black, Brown & Grey Form Soft gunnable paste Specific Gravity 1.00 g/ml Shore (A) hardness 15 Composition Neutral cure silicone. 100% modulus 0.30/hrmn2 Application rate 300g/min using a 3mm diameter bead and 6.3 bar. Themal conductivity 30.35 mW/MR, Fire Realing-Fire Cleas 81 a coording to DIM 1012-1 bene solid metal or minimalic material. Fire resistance class EI 180-V-X-F-W 10-50* as per classification report 3.2/10-052-2 acc. to DIN EN 1366-4 in combination with DIN 13501-2. Certified by MfPA Leipzig GmbH Application Temperature +5°C to 4/0°C Coverage Approx. 10 linear metres of 6mm diameter bead per C20 cartridge Drying Times Skin Formation: 9 minutes at 423°C-55% RH, dependent on temperature and humidity. Through dry: Approx. 2mm per 24 hours at 423°C-55% RH dependent on temperature and humidity. Through dry: Approx. 2mm per 24 hours at 423°C-55% RH dependent on temperature and humidity. Through dry: Approx. 2mm per 24 hours at 423°C-55% RH dependent on temperature and humidity. Through dry: Approx. 2mm per 24 hours at 423°C-55% RH dependent on temperature and humidity. Through dry: Approx. 2mm per 24 hours at 423°C-55% RH dependent on temperature and humidity. 3 and a sealant within 9 minutes

10 TRIMS

TRUELINE Corner beads - expanded wing angle beads, powder coated galvanised steel for vertical applications to the corners of render and external insulation slabs. Use the cover nose, on polyester powder coated galvanised beads, in order to prevent scratching of the finish. Product: 45:60mm Mesh wing galvanized steel, powder coated.TEP-CB-45:60-M-G-30-JV-N

11. Proprietary fixing: SOCOTEC Spit HIT M 6-502P Hammer Screw Anchor, Zinc Plated FR 15 (6mm), Polyamide 6 plastic expansion anchor. Embedment depth: 25mm, Maximum thickness of part to be fixed in concrete/brick: 5mm, Minimum thickness of base material; 85mm, Drilling depth in base material; 35mm, Drilling depth forward the part to be fixed; 40mm, Drilling diameter: 6mm, Cylinder head diameter: 11mm, Total anchor length; 32mm, type of nait; P22, Code zinc coated steel nait; 050118. Ultimate loads for concrete blocks or clay bricks: 155-26 kN. Recommended loads: 031-052 kN. Minimum distance between anchors: 25mm, Minimum distance from edges: 45mm. Applications: 11mm and beads for EVM. Fix beads and trims at all joints, junctions and perimeters, straight and with a constant periodicion.