
HYGIENIC WALL CLADDING

K13 RIGID SHEET FINE LININGS

To be read with Preliminaries/General conditions.

Trovex Hygienic Wall Cladding

UPVC WALL COVERING

- Location: _____
- Base: _New Plaster
Existing Plaster
Plasterboard partitions
Ceramic Tiles
WBP Plywood (minimum 12mm thickness)
- Preparation: Refer to Trovex Surface Preparation Guidelines; -
All substrates to be dried to 14%(WME)
All loose paint and dust to be removed.
Friable surfaces to be made sound or removed. Consult Trovex for approved sealing treatments.
Ceramic tiles to be thoroughly degreased rinsed and allowed to dry.
Loose tiles should be removed and the area made good. If drying time permits, voids to be filled with sand cement render using PVA mix. Alternatively, suitable thickness WBP plywood, screwed and plugged, can be used.
- Sheets _Trovex semi rigid PVC cladding
- Manufacturer and reference: _Trovex, Axiom House, Travellers Close, Welham Green, Hertfordshire, AL9 7JL. Tel: 01707 254 170, Fax: 01707 254 171, [Email: sales@trovex.com](mailto:sales@trovex.com) [Web: www.trovex.com](http://www.trovex.com)

Product Code: T10/25/WE or T10/30/WE for White (Colours as specified)

Size: 2500 x 1220mm or 3000mm x 1220

Thickness: 2.5mm.

Colour/pattern: **Ambience Satin, Radiance Satin, Brilliance Gloss, or Resilience**

- Adhesive:
Trovex Bond 2-part polyurethane adhesive (Ref TB300/25 or TB300/30) or
Trovex Bond W 1 Part Acrylic Adhesive (Ref TB301/12)
- All joints should be covered with high impact PVC joint profiles (Ref T200/25/** or T200/30/**) - See drawing detail TD02; or Hot Welded joint flush with sheets and supported behind the joint with Trovex Welding Underlay (Ref TWR/80/** and TB305/40) - See drawing detail TD07.

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- Abutments: To windows and doorframes, architraves, ceilings, and quarry tiles – wipe clean and prime edges with cleaner and seal with Trovex Seal Silicone Sealant (Ref TS306/**) 3-4mm joint.
- Joint with Trovex HygiDoor Flush Frame, Frame to be set into correct aperture in suitable solid structural wall or partition. Flush frames require a consistent, flat surface such as plaster/cement board with joints filled flush, on all sides of the structural opening. Partitions must be plumb and flat (within 2mm over a 2m straight edge) and of a consistent thickness on all sides. Use supplied two-part joint profile or welded joint system with rigid joint support plate to adjoin with surrounding Trovex hygienic wall cladding.
- To Safety Sheet Vinyl with coved skirting: Transition profile to base of sheet to receive coved vinyl flooring (Ref T201/25/WE). See detail drawing TD03.
- To Safety Sheet Vinyl with Wetroom Floor Detail, overlap of base of sheet to coved vinyl flooring by 50mm and seal bottom edge with silicone sealant. See detail drawing TD04
- Accessories: Trovex Diamond PVC edge profile to be fitted to exposed sheet edges.
- Finishing: Protective foil to be removed, wipe off any marks and dirt using Trovex Diamond Anti-Static Cleaner (Ref T307/75). Wipe off any overspill of adhesive using Trovex Diamond Cleaner (Ref T309/50). When dry, apply Trovex Diamond Antistatic Cleaner to all surfaces (Ref T307/75).
- All existing pipework to be boxed in where possible, in order to receive Trovex Diamond Hygienic Wall Cladding.
- Special requirements: Internal and external corners to be thermoformed on site, using approved line bending equipment.
- Treatment to Service Penetrations: All holes to be cut to allow 3-4mm silicone seal around all penetrations. Clean with cleaner and seal with Trovex Seal Silicone sealant (Ref TS306/WE).

GENERALLY

WORKMANSHIP GENERALLY:

- All bases must be rigid, dry, sound, smooth and free from grease, dirt and other contaminants before coverings are applied.
- Finished coverings must be accurately fitted, securely bonded, smooth and free from air bubbles, adhesive marks and stains.

SAMPLES: Before placing orders, submit for approval a representative sample of each type of covering. Ensure that delivered materials match samples.

CONTROL SAMPLE(S): Complete area(s) of the finished work in approved location(s) as follows, and obtain approval of appearance before proceeding:

LAYOUT: Agree setting out of joints before ordering materials for sheeting.

LAYOUT: Set out sheet coverings so that joints and cross are kept to a minimum.

EXTRA MATERIAL: Provide ___% extra of each type of covering to be handed over to the Employer at completion.

MARKING: Ensure that materials are delivered to site in original packing, clearly marked with batch number.

STORAGE: Store materials in a clean, warm, dry, well-ventilated place. Keep in original packing until conditioning commences.

COMMENCEMENT: Do not fit materials until building is weathertight, wet trades have finished their work, the building is well dried out, all paintwork is dry, conflicting overhead work completed, and floor service outlets, duct covers and other fixtures around which the materials are to be cut have been fixed. Inform CA not less than 48 hours before commencing Installation.

CONDITIONING: Before installation commences thoroughly condition materials by unpacking and separating in the spaces where they are to be laid. Minimum conditioning time and temperature to be as recommended by manufacturer. Extend period by a factor of 2 for materials stored or transported at a temperature of less than 10°C immediately prior to laying.

ENVIRONMENT: Before, during and after laying, provide adequate ventilation and maintain temperature and humidity approximately at levels which will prevail after the building is occupied. The ambient temperature of the room, including the substrate, is critical for a successful installation. This must be a minimum of 14°C. This temperature should be maintained for at least 24 hours before and after the installation. Failure to do so may prevent the adhesive curing correctly and cause subsequent de-lamination.

PREPARING BASES

SUITABILITY OF NEW BASES AND CONDITIONS: Laying of coverings will be taken as joint acceptance by the Main Contractor and Subcontractor of the suitability of the bases and conditions within any given area.

SUITABILITY OF EXISTING BASES AND CONDITIONS:

- Before commencing work the subcontractor must confirm (through the Main Contractor) that existing bases will, after the specified preparation, be suitable to receive the specified coverings.
- Laying of coverings will be taken as further acceptance of the suitability of the bases and also of the conditions within any given area.

SUBSTRATES: Good quality fairfaced brick or blockwork. Well aligned joints bagged up flush. Straight to within 3mm over a 2m straight edge and bricks/blocks flush with

those adjacent. Sand cement rendering - 1:3 to a steel trowel finish. 12.5mm plasterboard. Minimum 9mm resin bonded plywood. Ceramic tiles which are securely bonded to a substrate. Certain sound painted surfaces, (an adhesive test is advisable to ascertain compatibility). Plastered surfaces (subject to survey to confirm suitability). Pink Lightweight Plasters - Generally not suitable.

LAYING COVERINGS

COLOUR CONSISTENCY: For coloured sheets only In any one area/room try to ensure coverings from the same production batch.

ADHESIVE FIXING GENERALLY:

- Adhesive: As recommended by manufacturer.
- Use a primer where recommended by adhesive manufacturer. Allow to dry thoroughly before applying adhesive. Clean back of sheets using Trovex Diamond Cleaner (Ref T309/50).
- Spread adhesive evenly to back of sheet using a 6mm square notched trowel. Support panel on double sided tape (Ref TB304/30) to provide support whilst adhesive cures. (approx. 3-5 hours full cure 24hours). Apply firm, even pressure to the whole surface area of panel as work proceeds, to ensure adequate adhesive transfer and good overall bond.
- Remove all surplus adhesive from exposed faces of coverings as the work proceeds using Trovex Diamond Cleaner (Ref T309/50).

COMPLETION

CLEANING GENERALLY: Remove all waste, dust and dirt. Carefully remove adhesive and other marks from coverings and adjacent surfaces, using approved cleaning agents and methods.