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## HYGIDOOR

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L20 Doors / Shutters / Hatches

To be read with Preliminaries/General conditions.

PROPRIETARY HYGIENIC PVC-U DOORSETS

Drawing reference(s):

Manufacturer and reference: Trovex Innovations, Innova House, Rash's Green, Dereham, Norfolk, NR19 1JG. T: 01707 254170 Email: sales@trovex.com

Product Reference: Trovex Hygidoor encapsulated with Trovex hygienic PVC.

Configuration: Single/Unequal Pair/Equal Pair\*

Action: Single/double\*

Fire rating: NFR/FD30(S)/FD60(S) [      †]

Door Leaf:

- Thickness: [Standard 49/59mm †].
- Core: Severe duty solid particle board
- Facings: Standard Trovex Diamond White or selected from Trovex Ambience/Radiance/Resilience/ Essence\* impact resistant PVC fully encapsulated. Colour: [      †].
- Lippings: Integral with post-formed wrapping to vertical edges with 6mm radius. Top and bottom edges lipped in PVC.
- Factory cut hinge slots
- Finish as delivered: Full factory finish

Frame and architraves:

- Standard three-piece frame.
- Architrave detail integral to frame – preformed style. PVC wrapped.
- Preservative treatment: Not required.
- Factory cut hinge slots.
- Facings: Standard Trovex Diamond White or selected from Trovex Ambience/Radiance/Resilience/ Essence\* ranges. Colour: [      †] - Size: As per door schedule.
- Finish as delivered: Full factory finish

Glazing/Infill Details:

- Clear fire-resisting glazing to either.
- Hygiglaze standard flush glazed, square / rectangular vision panel, as noted on schedule.
- Hygivision Privacy Panels: To doors as noted on schedule.

Ironmongery:

- Refer to P21 specification and Ironmongery Schedule [      †]
- Factory morticing for Trovex supplied ironmongery.

Substrate:

- Preparation: Wall substrates must be structurally sound and capable of supporting the frame and door assembly.
- Substrate: Frame to be set into correct aperture in suitable solid structural wall or partition.

Fixing method:

- Frame to be fixed to structural opening using proprietary fixings and fire stopping material, as per Trovex Hygidoor fitting instructions/Field of Application report.

Joint treatment:

- Seal frame to wall with approved sealant.

Included features:

- Fully encapsulated with thermoformed external corners, smoke seals / fin strips. Pre-hinged with Grade 14 maintenance free, stainless steel hinges.

Other requirements: Acoustic rating.

- \*Standard - 20dB Rw. Door leaf must have a minimum 44mm thick solid core. Gap between rear face of door frame and structural opening must not exceed 8mm and must be fully sealed with approved non-combustible material and capped with acoustic fire rated mastic.
- \*Enhanced - up to 36dB Rw. Door leaf must have a minimum 54mm thick solid core. Door leaves must be fitted with automatic threshold seal NOR810. Frame to have perimeter seal NOR710 applied to the internal corner of the jambs and head at the doorstep/frame junction on the leaf side of the doorstep. Gap between rear face of door frame and structural opening must not exceed 8mm and must be fully sealed with approved non-combustible material and capped with acoustic fire rated mastic.

† please specify

\*please delete as appropriate