Aluminum hinged floor access covers for hard finishes

Features

- Covers can be fitted quickly and unobtrusively into all types of hard floor finish: ceramic tiles, marble, terrazzo, resin or parquet.
- Unique patented cover sections are tapered for easy removal, and frame sections give a good key to bedding mortar. Access hatches are precision-made to avoid distortion.
- Top edge seal on aluminum covers helps prevent dirt, grout or grinding waste penetrating joint between cover and frame. Double seals are available on HSE 75 series.
- Lifting blocks are anchored to the inner frame. Stainless steel securing bolts are stiletto heel proof.

General notes on HSE 75 series floor access covers

Size – All access hatches are made to measure using the Howe Green patented system. This allows the manufacture of any size between the stated maximum and minimum dimensions. Sizes that may be thought ‘non-standard’ can therefore be obtained without delay and without cost surcharge. The versatile nature of the Howe Green system allows any configuration of ducts and branches to be created.

Weight – The weight of the access cover should be taken into account where ease of handling is an important consideration. In all cases reference should be made to the relevant manual handling regulations.
HSE 75 Series Aluminum Single/Duct Cover
hinged floor access covers for cars and light delivery vehicles

Typical floor finishes
Ceramic tiles, marble, terrazzo, concrete, resin, wood and all hard floors.

Performance
Medium duty access door suitable for up to 5 ton pneumatic tire wheel load (cars and light delivery vehicles)

Options

Size
Overall top of frame size (when looking as drawing above) = clear opening + 5 ¼”. The 2 sides not shown above are 2 3/8”, so the clear opening to overall dimension in that plane is + 4 3/4” e.g. 24 X 24” clear opening = 29 ¼” x 28 ¾” overall top of frame.

Weight
A HSE 75 series access hatch when filled and installed correctly will require a maximum force of 44lb to open.

Performance Note: Trucks with small wheels and solid tires, may take sizes no less than the stated maximum span. Alternatively, greater spans may be used, not at reduced loadings.

Typical specification clause for HSE 75 series
Recessed floor access hatch shall be Howe Green Ltd HSE 75 series, with fire rating to BS 476: Part 20: 1987*. aluminum/stainless steel show edge*, hatch to be fitted with concealed multi-link hinges, gas springs, stainless steel/steel* base plate, reinforcement and double seal, top and underside release/top release only*. Sizes shall be as shown on contract drawings nos ....† Covers to be supplied complete with ....† sets of combined lifting/securing keys. All to be manufactured and supplied by Howe Green Ltd, www.howegreen.com and installed in accordance with the manufacturer’s installation details and site work guide.

* Delete as appropriate. † Insert appropriate numbers & quantities

Cross section showing timber sub floor (scale 1:2)