

# Product Datasheet

## Dri-Design

Dri-Design façade cassettes install at least twice as fast as most comparable systems and can install as direct fix or ventilated cavity cassettes. No sealants, gaskets or butyl tape in the cassette joints, means no dirty streaks or a legacy of maintenance for the building owner.

### Cassette Types



Flat



Shadow



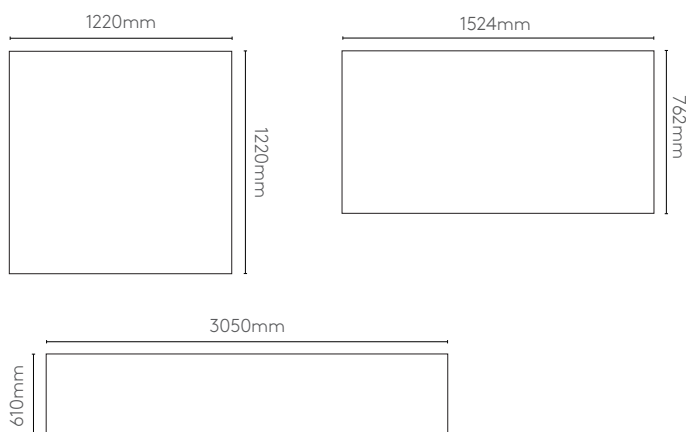
Tapered



External Corner

### Dimensions

The below face sizes are maximum standard sizes for aluminium. Larger sizes can be manufactured, please contact BENCHMARK Technical for further information on other sizes and materials;



Minimum face size for aluminium flat cassettes is 390mm wide x 170mm high, these can be increased in 1 mm increments up to the above recommended maximum face size cassette guides. If the cassette you would like fits inside these appropriately aligned guides we can easily manufacture it. For larger face sizes, or for other metals please contact BENCHMARK Technical Services to discuss your specific requirements.

### Materials Available

Aluminium: 2.0mm

### Product Tolerances

Length: ±2mm  
Width: ±2mm  
Thickness: ±2mm  
Squareness: ±2mm

Joint Width: 14mm horizontally  
16mm vertically

Flat Cassette: 32mm Deep  
Shadow Cassette: 33-100mm Deep (1mm increments)  
Tapered Cassette: 33-75mm Deep from a single edge  
Corner: Max Leg Length 450mm

### Materials Available

- Polyester Powder Coated
- Anodised

### Storage

The Dri-Design cassettes are packed on a pallet with cardboard on top. Cardboard is also placed between each set of cassettes. A completed pack is wrapped in cardboard and wood is fixed around the top and sides. Packaging is completed by shrink wrapping the entire pallet in polythene.

Protect BENCHMARK aluminium Dri-Design pallets during storage against rain, penetration of moisture and condensation. Avoid any condensation forming (e.g. when transporting cold cassettes to warmer rooms). Do not stack pallets.

Storage exceeding 6 months should be avoided, as it may become difficult to remove any protective films which may be applied. When stacking the cassettes nothing should be placed in-between them, as this could result in surface damage.

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### Material Properties

	Material Properties	Fire	Environmental
Aluminium	Aluminium alloy 3103 H22 available in a factory applied post powder coated and anodised finish. Also grade 5005 H34/J57S as required.	Aluminium has Class 1 surface spread of flame to BS 476-7:1987, and are Class 0, as defined by building regulations.	Aluminium can be fully recycled and used for the production of new material.

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### Handling

The pallets must be handled carefully during transport and unloading. Do not handle open pallets. Upon delivery the pallets must be examined for any damage due to moisture (panels that have become wet must be dried to avoid any spots or corrosion forming).

Individual cassettes must be lifted off the pallet by two people holding all four corners and not drawn over each other. Carry the cassettes vertically. Wear gloves to avoid staining.

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### Quality & Durability

BENCHMARK components are manufactured from the highest quality materials to rigorous quality control standards, complying with ISO 9001:2000 standard, ensuring long-term reliability and service life.

#### Sea Freight

Fully timber crated packs are available on projects requiring delivery by sea freight shipping, at additional cost. Alternatively, steel containers can be used. Special loading charges apply.

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### Site Installation Procedure

Site assembly instructions are available from the Kingspan BENCHMARK Field Service Department.

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### Guarantees & Warranties

BENCHMARK will provide external coating and product guarantees on an individual project basis.