

# **SILENCIO Celtic Cavity System**

**Silent Luxury.**

[www.criterionindustries.com.au](http://www.criterionindustries.com.au)

 **Criterion**



# Silencio Celtic Cavity

The Silencio Celtic cavity unit is a premium cavity system designed for use throughout a wide variety of commercial spaces, especially when acoustics are an important consideration. Tested in a NATA-certified lab at CSIRO, achieving an impressive rating of RW33.

With aluminium reveals boasting a consistent 35mm outline, the Silencio Celtic system offers a modern solution for a wide variety of commercial settings, with the option to Powdercoat to match the adjacent frame/jamb. Additionally, utilising clip-in pelmets allows for an easy install process, as well as, easy removal if adjustments are required.

## WHY CHOOSE SILENCIO CELTIC?

---

- + Designed to perfectly match 92mm studs and accommodate plaster thickness of 10 & 13mm.
- + Arctic track - Supports door weights of up to 180kg with standard rollers, and 160kg with softclose.
- + Door widths reaching up 1800mm
- + Aluminium construction, allowing it to thrive in wet areas.
- + Plastic T-guide designed to ensure a seamless and straightforward installation process.
- + New butt joint section design, installation quick and easy right on-site.

## ACOUSTIC RATINGS

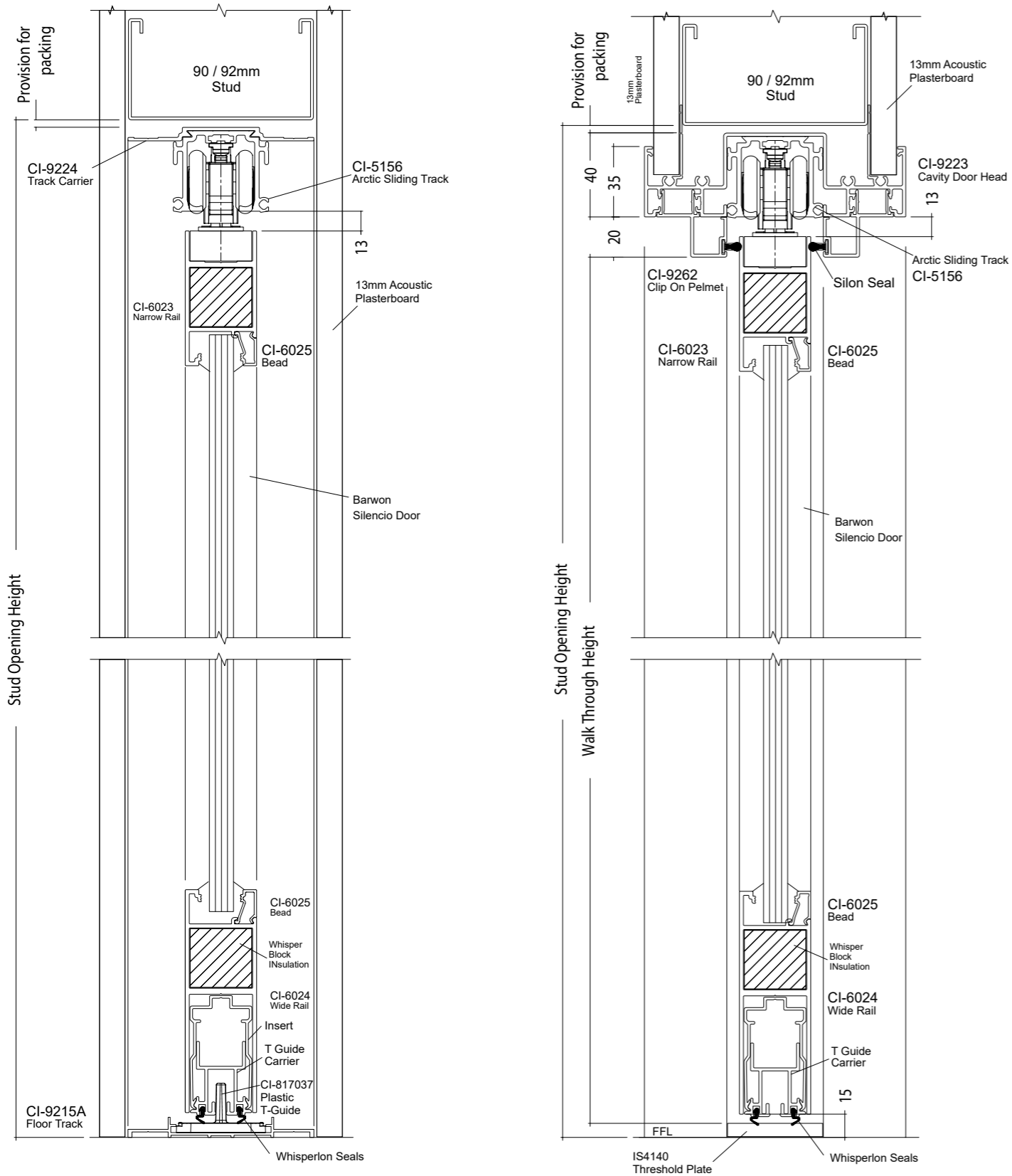
---

- + Single Cavity: RW33

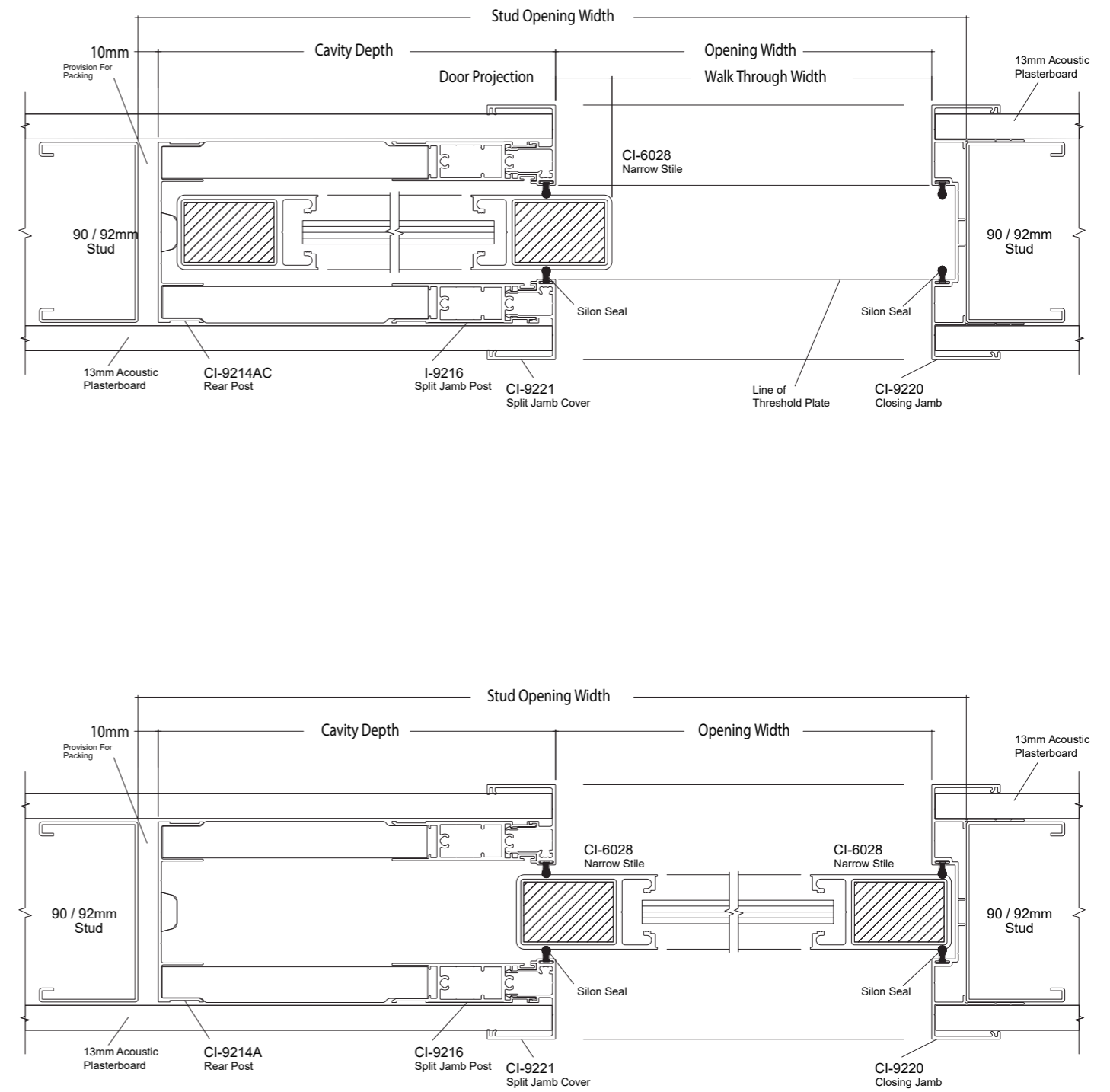




STANDARD ROLLER WITH PELMET DETAIL

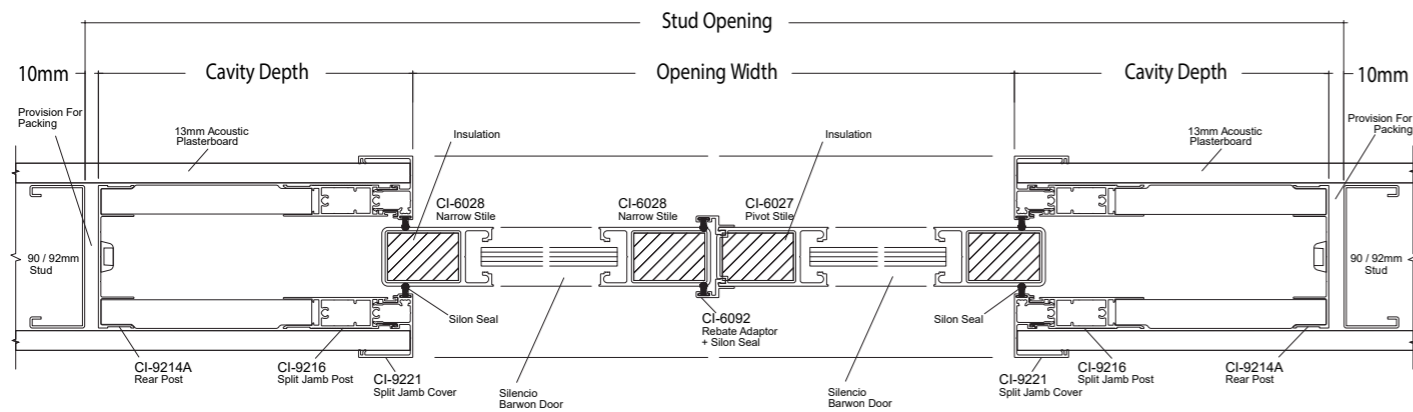
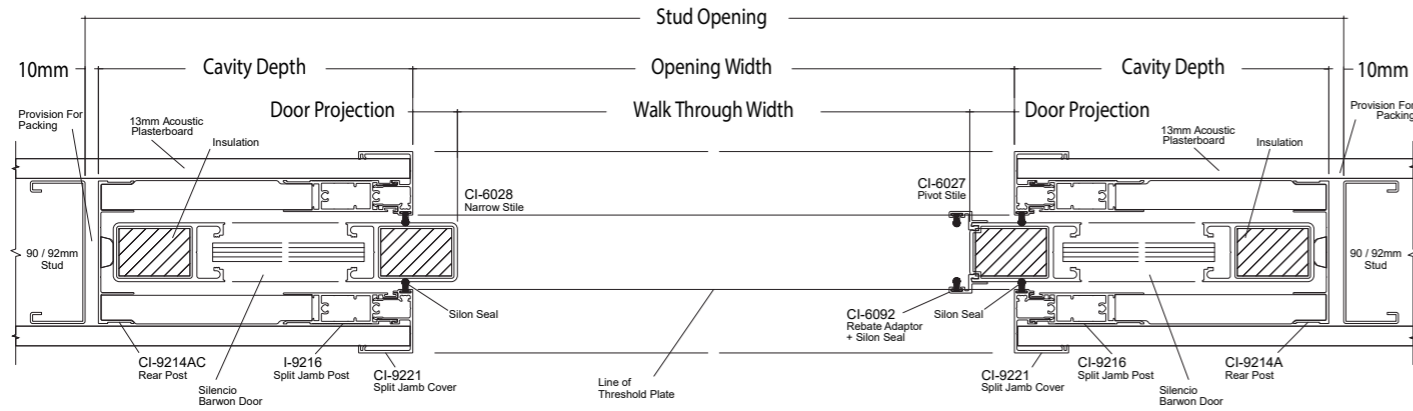


ASSEMBLY DETAILS - ALUMINIUM SINGLE DOOR





## ASSEMBLY DETAILS - ALUMINIUM BI-PARTING DOOR



## SINGLE DOOR

### FORMULA

#### Door Sizes

$$\text{Door Height} = \text{Walk Through Height}$$

$$\text{Door Width} = 40\text{mm} + \text{Door Projection} + \text{Walk Through Width}$$

#### Stud Openings

$$\text{Stud Height} = \text{Door Height} + 100\text{mm}$$

$$\text{Stud Width} = (\text{Door Width} \times 2) - \text{Door Projection} + 10\text{mm}$$

## BI-PARTING DOOR

### FORMULA

#### Door Sizes

$$\text{Door Height} = \text{Walk Through Height}$$

$$\text{Door Width} = (60\text{mm} + (\text{Door Projection} \times 2) + \text{Walk Through Width}) / 2$$

#### Stud Openings

$$\text{Stud Height} = \text{Door Height} + 100\text{mm}$$

$$\text{Stud Width} = (\text{Door Width} \times 2) - (\text{Door Projection} \times 1) + (5\text{mm}) \times 2$$



# SILENT LUXURY.

Looking to discover more?

Contact us to book your  
free demonstration:

[www.criterionindustries.com.au](http://www.criterionindustries.com.au)



## **VIC**

23 Scanlon Drive  
Epping VIC 3076  
T: 03 9355 0700

[sales@criterionindustries.com.au](mailto:sales@criterionindustries.com.au)

## **NSW**

29 Kילו Crescent  
Glendenning NSW 2761  
T: 02 9355 0700

[sales.nsw@criterionindustries.com.au](mailto:sales.nsw@criterionindustries.com.au)

## **WA**

58 Tacoma Circuit  
Canning Vale WA 6155  
T: 08 9355 0700

[sales.wa@criterionindustries.com.au](mailto:sales.wa@criterionindustries.com.au)

## **QLD**

22 Holt Street  
Eagle Farm QLD 4009  
T: 07 3193 8990

[sales.qld@criterionindustries.com.au](mailto:sales.qld@criterionindustries.com.au)