

Dseal Aerostar

Wall-to-Wall · Lock Profile

— PRODUCT OVERVIEW

Aerostar is a wall-to-wall expansion joint cover built around a lock profile and manufactured from ASTM 6063 T6 aluminium. The lock detail mechanically retains the cover over the joint gap, and the system is applied to interior and exterior walls of commercial and institutional buildings. Aerostar combines secure cover retention with a clean architectural line. The locking profile keeps the cover firmly seated during movement, while the aluminium construction resists corrosion and maintains a crisp finished edge.

— TECHNICAL SPECIFICATIONS

Type	Wall-to-wall (lock profile)
Material	ASTM 6063 T6 aluminium
Application	Interior / exterior walls

— DIMENSIONS

Joint type	Wall-to-wall (lock profile)
Retention	Mechanical lock
Configuration	Project-specific joint width

— MATERIALS

Cover profile	ASTM 6063 T6 aluminium
Aluminium standard	ASTM B221-02 / ASTM 6063
Retention detail	Integral lock profile

— PERFORMANCE DATA

Application	Interior / exterior walls
Movement	Wall expansion and contraction
Retention	Secure cover retention

— INSTALLATION GUIDELINES

1. Check joint width and confirm both wall faces are sound
2. Clean the surfaces and remove dust or loose material
3. Fix the base or lock-receiving members to each wall side
4. Align the cover profile over the joint gap
5. Engage the lock profile so the cover is firmly retained
6. Seal the perimeter where the application requires it
7. Verify the locked cover is secure and the line is straight

— COMPLIANCE & CERTIFICATIONS

- Manufactured under ISO 9001:2015 quality management
- ISO 14001:2015 environmental and ISO 45001:2018 safety certified
- Aluminium to ASTM 6063 T6 / ASTM B221-02
- Made in India by Dhawan Associates (Dseal)