

EXECUTIVE SUMMARY

GD26 ALUMINIUM FABRICATIONS: A GUIDE TO GOOD PRACTICE

The Metal Cladding and Roofing Manufacturers Association (MCRMA) has produced guidance document GD26 *Aluminium fabrications: A guide to good practice* to accompany the advice contained within BS 5427:2016 + A1:2017 section 7.1. Both documents provide theoretical and practical guidance in the design and installation of aluminium fabrications, including fasteners and sealants

The 24-page document provides theoretical and practical guidance in the design and specification of aluminium fabrications, including attachment and weatherproofing. The document discusses the principal approaches of the widely used fabrication fixing methodologies of dead fix and floating fix, examines the effects of thermal movement and provides guidance on correct fastener specification.

In service, aluminium fabrications can be a complicated interaction between multiple factors involving thermal expansion and contraction and the accommodation of associated stresses and movements by the fabrication, fasteners, seals and supporting structure. The guidance in this document illustrates the issues and suggests solutions.

Adoption by industry of the guidelines outlined in this document will lead to better and more consistent standards of metal roofing and cladding construction.

<https://mcrma.co.uk/wp-content/uploads/2020/06/GD26-Aluminium-fabrications-1.pdf>

The GD26 guidance document is available as an online CPD.



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