

AFTM™ Soffit Series

AFTM Building Assemblies by AIS

The **AFTM Soffit Series** direct fixed soffit linings achieve an aesthetic finish equivalent to a suspended ceiling system.

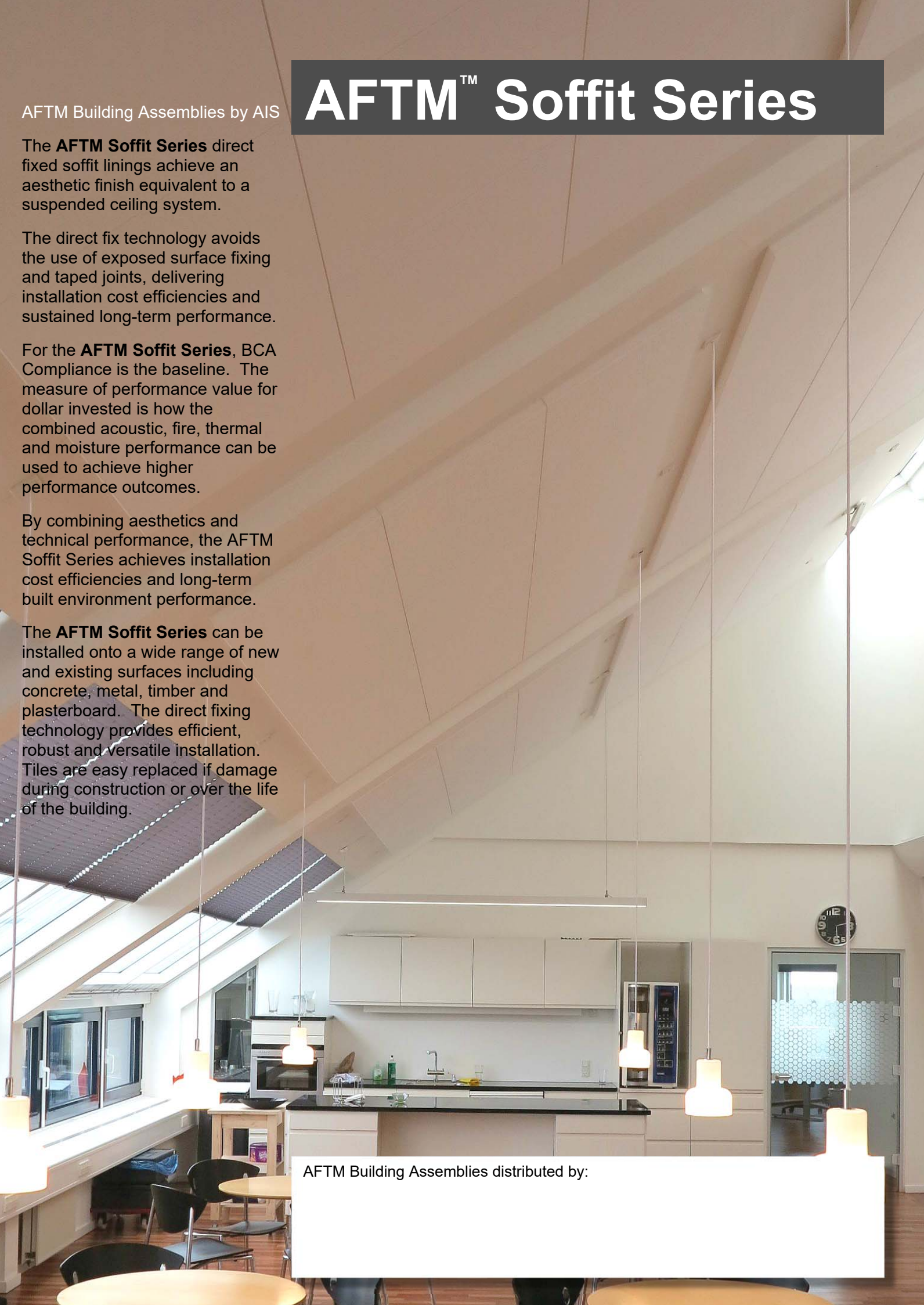
The direct fix technology avoids the use of exposed surface fixing and taped joints, delivering installation cost efficiencies and sustained long-term performance.

For the **AFTM Soffit Series**, BCA Compliance is the baseline. The measure of performance value for dollar invested is how the combined acoustic, fire, thermal and moisture performance can be used to achieve higher performance outcomes.

By combining aesthetics and technical performance, the AFTM Soffit Series achieves installation cost efficiencies and long-term built environment performance.

The **AFTM Soffit Series** can be installed onto a wide range of new and existing surfaces including concrete, metal, timber and plasterboard. The direct fixing technology provides efficient, robust and versatile installation. Tiles are easy replaced if damage during construction or over the life of the building.

AFTM Building Assemblies distributed by:



AFTM™ Soffit Series

The aesthetics of a suspended ceiling and AFTM Design Performance

		Sonar 20mm	Sonar Activity 40mm	Facett Brilliant 60mm
Acoustic	Thickness α_w / NRC	0.60 / 0.70	0.95 / 0.90	1.00 1.00
Fire	Reaction & Resistance	Group 1 surface and a non-combustible core		
Thermal	Added R-Value	R 0.57	R 1.14	R 1.71
Moisture	Mould & Decay	Water vapour diffusion resistance factor (μ) 1.3, Hydrophobic (highly water repellent)		

AFTM: Building blocks of the built environment.

- ACOUSTIC** Living, working and recreational environment amenity.
- FIRE** Safety of occupant and emergency worker, loss reduction and operating continuity.
- THERMAL** Ongoing building envelope integrity and energy efficiency.
- MOISTURE** Structural element durability and indoor air hygiene.



AFTM Soffit Series

The AFTM Soffit Series can be installed under a range of new and existing monolithic substrates such as suspended concrete, permanent metal formwork, timber and plasterboard.

Installation flexibility and scope of performance allow the AFTM Soffit Series to be used for a wide range of other roof and floor applications described in the Design & Installation Guide.

AFTM Design Performance

ACOUSTIC, FIRE, THERMAL & MOISTURE (AFTM) are building block performances because they determine the long-term operational outcomes that affect all other performances.

The baseline AFTM Design Performance is BCA Compliance. The measure of performance value for dollar invested is the Higher Performance achieved by the AFTM Building Assembly.

By delivering Higher Performance, an AFTM Building Assembly ensuring that ongoing Operational Performance outcomes align with Design Performance presumptions.

Design & Installation Guide

The **AFTM Soffit Series Design & Installation Guide** explains how to **DESIGN** for AFTM Performance, details the technical information needed to **CERTIFY** performance, provides practicable descriptions for how to **BUILD** the assembly, and outlines the benefits for those who **OWN** the building.



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