

Product Information:

AATIS®/fr (Fire Rated) Aluminium Composite Panel

Premium quality architectural cladding material with superb durability and formability. AATIS®/fr aluminium panel passed the European Coil Coating Association (ECCA) Standards and the American Architectural Manufacturer Association (AAMA) Standards. The Co-extrusion system guarantees bonding strength and a smooth, flat surface. The state of the art coating system with Kynar 500 ensures high weatherability and long lasting colour.

Surface Material:

Aluminium Alloy 3003/H16, or 3105/H16. Gauge = 0.5 mm (including paint)

Aluminium Alloy 5005/H42. Gauge = 0.5 mm (including paint)

Coating System:

Top surface

- Kynar 500 Resin based Polyvinylidene Fluoride (PVdF)
or Hylar 5000 PVdF. 70/30 (70%PVdF, 30% Acrylic resin)
or other specified high quality pre-painted coating
- 2 Coat System: 25µm* (+/- 3µm)
- 3 Coat System: 30µm* (+/- 3µm)
- 4 Coat System: 30µm - 40µm* (+4/-2µm)
- *depending on colour

Between Aluminium and Core
Bottom surface

- Chromate Conversion Coating
- Polyester / Mill finished to prevent oxidation

Core Material:

AATIS®/fr

- Non Combustible Mineral Filled Core.
Magnesium Di-Hydrate.

Material Code Tests

AATIS®/fr:

Panel Fire Test

- DIN 4102 (Class B-1), BS 476 part 5, part 6, part 7, ASTM E119 (2 hr),
ASTM E84 (Class A), ASTM E-108, UBC 26-9, UL-94 (V-0)

Toxic Fumes Evaluation

- ISO-TR 9122-3 / Lower than IDHL values limits

Thickness

- 3 mm., 4mm., 5mm., 6mm.

Standard Size

- 1250mm. x 2440mm. x 4mm., and 1250mm. x 3200mm. x 4mm.

Custom Size

- Custom Width: 1000mm., 1300mm., 1350mm., 1500mm., 1575mm. (max)
- Custom Length: Up to 8000mm.

* Custom size are subjected to minimal order requirement and slightly longer delivery time

Warranty:

10-year Standard Warranty

20-year Color Limited Warranty* (Subject to terms and conditions)

Manufacturer and distributor:

MN CHAI Corporation Co., Ltd.

1334/18-19 Rama 3 Road Soi 52 Chongnonsee, Yannawa, Bangkok 10120. Thailand

Tel. +(66)2 294 7479 Fax +(66)2 294 7295 Website: www.aatisacp.com Email: info@maenumgroup.com