



Formica Group

n55Plus

Vivix® by Formica Group

By Formica Group

Detailed description

Vivix® panels offer a fresh perspective in architectural panels and provide a perfect solution for lightweight, decorative and robust rainscreen cladding applications.

Vivix® panels are solid phenolic, engineered exterior facade panels with a decorative surface on both sides. They are resistant to impact and abrasion and are highly weather and UV resistant. Vivix panels can be used with a variety of fixing systems and are easy to machine, install and maintain.

Properties EDS grade:

- Thickness Tolerance (BS EN 438-2-5): 6 mm+/-0.4 mm, 8 mm +/-0.5 mm, 10 mm +/-0.5 mm.
- Flatness Tolerance (BS EN 438-2-9): 6 mm 5 mm/m, 8 mm 5 mm/m, 10 mm 3 mm/m.
- Length Width Tolerance (BS EN 438-2-6): +10 mm/-0.
- Straightness of Edge Tolerance (BS EN 438-2-7): 1.5 mm/m max deviation.
- Flexural Modulus (BS EN ISO 178): 9000 MPa (min).
- Flexural Strength (BS EN ISO 178): 80 MPa (min).
- Tensile Strength (BS EN ISO 572-2): 60 MPa (min).
- Density (BS EN ISO 1183): 1.35 g/cm³ (min).
- Impact Resistance (BS EN 438-2-21): height 1800 mm (D = 10mm. max).
- Resistance to Wet Conditions (BS EN 438-2-15): mass increase 5% (max), appearance grade 4 (min).
- Dimensional Stability at Elevated Temperature (BS EN 438-2-17): L 0.3% (max), T 0.6% (max).
- Resistance to UV light (BS EN 438-2-28): contrast min 3 after 1500 hrs, appearance min 4 after 1500 hrs.
- Resistance to Artificial Weathering (BS EN 438-2-29): contrast min 3 after 650 MJ/m², appearance min 4 after 650 MJ/m².
- Resistance to Climatic Shock (BS EN 438-2-19): flexural strength index (Ds) 0.95 (min), flexural modulus index (Dm) 0.95 (min), appearance grade 4 (min).
- Fire Test (SBI) (BS EN 13501-1):C-s1, d0.
- Oxygen Index (ISO 4589-2): 45% (min).
- Thermal Conductivity (BS EN 12524): 0.3 w/mk.

Properties EDF grade:

- Thickness Tolerance (BS EN 438-2-5): 6 mm+/-0.4 mm, 8 mm +/-0.5 mm, 10 mm +/-0.5mm.
- Flatness Tolerance (BS EN 438-2-9): 6 mm, 5 mm/m, 8 mm 5 mm/m, 10 mm 3 mm/m
- Length Width Tolerance (BS EN 438-2-6): +10 mm/-0.
- Straightness of Edge Tolerance (BS EN 438-2-7): 1.5 mm/m max deviation.
- Flexural Modulus (BS EN ISO 178): 9000 MPa (min).
- Flexural Strength (BS EN ISO 178): 80 MPa (min).
- Tensile Strength (BS EN ISO 572-2): 60 MPa (min).
- Density (BS EN ISO 1183): 1.35 g/cm³ (min).
- Impact Resistance (BS EN 438-2-21): height 1800 mm (D = 10mm. max).
- Resistance to Wet Conditions (BS EN 438-2-15): mass increase 8% (max), appearance grade 4 (min).
- Dimensional Stability at Elevated Temperature (BS EN 438-2-17): L 0.3% (max), T 0.6% (max).

- Resistance to UV light (BS EN 438-2-28): contrast min 3 after 1500 hrs, appearance min 4 after 1500 hrs.
- Resistance to Artificial Weathering (BS EN 438-2-29): contrast min 3 after 650 MJ/m², appearance min 4 after 650 MJ/m².
- Resistance to Climatic Shock (BS EN 438-2-19): flexural strength index (Ds) 0.95 (min), flexural modulus index (Dm) 0.95 (min), appearance grade 4 (min).
- Fire Test (SBI) (BS EN 13501-1):B-s2, d0 / B-s1, d0 available on request.
- Oxygen Index (ISO 4589-2): 45% (min).
- Thermal Conductivity (BS EN12524): 0.3 w/mk.

Product guidance - As Standard

Finish:

Matte 58.

Product specification

Manufacturer

- Name: Formica Group
- Web: www.formica.com
- Email: info.uk@formica.com

Product reference Vivix® by Formica Group

Sheet size 3050 x 1300 mm
3660 x 1525 mm

Colour	K1040 Alpino K2010 Malibu F7927 Folkestone K1181 Irish Cream K1301 Gobi F2833 Sandstone F2288 Peach K1902 Eldorado K1903 Cafe F7858 Pumice F7940 Spectrum Yellow F2966 Opal F5493 Arctic Blue K1998 Oslo F7853 Ocean Grey K2020 Tornado F7912 Storm F2302 Doeskin K1834 Kashmir F2200 Dark Chocolate F4161 Terracotta K1238 Carnaval K2005 Paprika F3007 Pale Olive F6901 Vibrant Green F7967 Hunter Green F7884 China Blue F7851 Spectrum Blue F7969 Navy Blue F3855 Clear Maple F5530 Savoy Beech F2510 Golden Morning Oak F5532 Erable Whisky F5511 Vosges Pear F5513 Redwood F0905 Mahogany F1614 Punga Punga Wood F5488 Smoky Brown Pear K3735 Krypton F1155 Marron F0163 Fantasia Marron K3734 Radon
Grades	BS EN 438:2005 Exterior grade, severe use, standard grade (EDS) B-s2, d0 Exterior grade, severe use, flame-retardant grade (EDF) Bs1,d0 Exterior grade, severe use, flame-retardant grade (EDF) Bs1,d0 - Available on request.
Thickness (nominal)	6 mm 8 mm 10 mm

