



ENVIRO
BUILD

HYPERION®

D E C K I N G

NBS DATA

IFC	
IfcExportAs IfcCoveringType	IfcExportAs IfcCoveringType
IfcExportType FLOORING	IfcExportTypeFlooring
NBS DATA	
INFORMATION	DETAILS
Accessories	50 x 50mm, 100 x 50mm / 150 x 50mm / 100 x 100mm plastic joists, 3/6mm gap hidden fasteners, start/end clips, 72 x 12mm fascia boards, 54 x 40mm corner trims
CoefficientOfExpansion	0.032 mm/m/°C (-30 °C to +30°C)
ColourOptions	Oak, Walnut, Granite, Stone, Silver Birch
FlexuralModulus	4188 MPa
FlexuralStrength	33.58 MPa
ImpactStrength	86 J/m Izod Unnotched
LengthOptions	2.2 or 4.0m
Profile	Reversible Grooved or Wood Grain
Recyclability	100%
RecycledContent	90% (60% wood fibre and 30% HDPE)
SectionSize	21 x 145 mm
SlipPotentialValue	Low potential for slip; Wet: 36 - 40 (Grain - Grooves) Dry: 52 - 51 (Grain - Grooves)
TensileStrength	25.6MPa (ASTM D638-10)
WaterAbsorption	1.04%
AcousticRating	n/a
Combustible	TRUE
Finish	Deep grooves or Wood grain
FireRating	Cfl - s1 (EN 13501-1)
FlammabilityRating	n/a
FragilityRating	n/a
Material	Wood (FSC 100%) polymer composite (WPC)
Reference	Pioneer Reversible Decking
TotalThickness	21mm
HasAntiStaticSurface	FALSE
HasNonSkidSurface	TRUE
TechnicalContact	info@envirobuild.com

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INFORMATION	DETAILS
Accessories	50 x 50mm, 100 x 50mm / 150 x 50mm / 100 x 100mm plastic joists, 3/6mm gap hidden fasteners, start/end clips, 72 x 12mm fascia boards, 54 x 40mm corner trims
CoefficientOfExpansion	0.034 mm/m/°C (-30 °C to +30°C)
ColourOptions	Oak, Walnut, Granite, Stone, Silver Birch
FlexuralModulus	3969 MPa
FlexuralStrength	27.4 MPa
LengthOptions	4.0m
Profile	Reversible Grooved or Wood Grain
Recyclability	100%
RecycledContent	87% (57% wood fibre of Eucalyptus and 30% HDPE)
SectionSize	21 x 145 mm
SlipPotentialValue	Low potential for slip; Wet: 37 - 40 (Grain - Grooves) Dry: 62 - 51 (Grain - Grooves)
TensileStrength	25.6MPa (ASTM D638-10)
WaterAbsorption	4.32%
AcousticRating	n/a
Combustible	TRUE
Finish	Deep grooves or Wood grain
FireRating	Cfl - s1 (EN 13501-1)
FlammabilityRating	n/a
FragilityRating	n/a
Material	Wood (FSC 100%) polymer composite (WPC)
Reference	Explorer Reversible Decking
TotalThickness	21mm
HasAntiStaticSurface	FALSE
HasNonSkidSurface	TRUE
TechnicalContact	info@envirobuild.com

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NBS DATA	
INFORMATION	DETAILS
Accessories	50 x 50mm, 100 x 50mm / 150 x 50mm / 100 x 100mm plastic joists, 3/6mm gap hidden fasteners, start/end clips, 140 x 12mm fascia boards
CoefficientOfExpansion	0.032 mm/m/°C (-30 °C to +30°C)
ColourOptions	Slate, Iroko, Teak, Marble
FlexuralModulus	4423 MPa
FlexuralStrength	40.5 MPa
LengthOptions	4.0m
Profile	Reversible Grooved or Wood Grain
Recyclability	100%
RecycledContent	90% (60% wood fibre and 30% HDPE)
SectionSize	22 x 143 mm
SlipPotentialValue	Moderate to Low potential for slip; Wet: 29, Dry: 49
TensileStrength	25.6MPa (ASTM D638-10)
WaterAbsorption	0.88%
AcousticRating	n/a
Combustible	TRUE
Finish	Wood grain
FireRating	Dfl - s1 (EN 13501-1)
FlammabilityRating	n/a
FragilityRating	n/a
Material	Wood (FSC 100%) polymer composite (WPC)
Reference	Frontier Decking
TotalThickness	22mm
HasAntiStaticSurface	FALSE
HasNonSkidSurface	TRUE
TechnicalContact	info@envirobuild.com

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NBS DATA	
INFORMATION	DETAILS
Accessories	50 x 50mm, 100 x 50mm / 150 x 50mm / 100 x 100mm plastic joists, 3/6mm gap hidden fasteners, start/end clips, 54 x 40mm corner trims
CoefficientOfExpansion	0.032 mm/m/°C (-30 °C to +30°C)
ColourOptions	Oak, Walnut, Granite, Stone, Silver Birch
ImpactStrength	86 J/m Izod Unnotched
LengthOptions	2.2m
Profile	Uniform Plank
Recyclability	100%
RecycledContent	90% (60% wood fibre and 30% HDPE)
SectionSize	72 x 12mm
WaterAbsorption	1.04%
AcousticRating	n/a
Combustible	TRUE
Finish	Brushed flat grain surface
FlammabilityRating	n/a
FragilityRating	n/a
Material	Wood (FSC 100%) polymer composite (WPC)
Reference	Pioneer Fascia Board
TotalThickness	12mm
HasAntiStaticSurface	FALSE
HasNonSkidSurface	TRUE
TechnicalContact	info@envirobuild.com

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NBS DATA	
INFORMATION	DETAILS
Accessories	50 x 50mm, 100 x 50mm / 150 x 50mm / 100 x 100mm plastic joists, 3/6mm gap hidden fasteners, start/end clips, 72 x 12mm fascia board
CoefficientOfExpansion	0.032 mm/m/°C (-30 °C to +30°C)
ColourOptions	Oak, Walnut, Granite, Stone, Silver Birch
ImpactStrength	86 J/m Izod Unnotched
LengthOptions	2.2m
Profile	Uniform L Trim
Recyclability	100%
RecycledContent	90% (60% wood fibre and 30% HDPE)
SectionSize	54 x 40mm
WaterAbsorption	1.04%
AcousticRating	n/a
Combustible	TRUE
Finish	Brushed flat grain surface
FlammabilityRating	n/a
FragilityRating	n/a
Material	Wood (FSC 100%) polymer composite (WPC)
Reference	Pioneer Fascia Board
TotalThickness	5mm
HasAntiStaticSurface	FALSE
HasNonSkidSurface	TRUE
TechnicalContact	info@envirobuild.com

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Accessories	50 x 50mm, 100 x 50mm / 150 x 50mm / 100 x 100mm plastic joists, 3/6mm gap hidden fasteners, start/end clips, 54 x 40mm corner trims
CoefficientOfExpansion	0.032 mm/m/°C (-30 °C to +30°C)
ColourOptions	Slate, Iroko, Teak, Marble
ImpactStrength	86 J/m Izod Unnotched
LengthOptions	2.2m
Profile	Universal Plank
Recyclability	100%
RecycledContent	90% (60% wood fibre and 30% HDPE)
SectionSize	140 x 12mm
WaterAbsorption	0.88%
AcousticRating	n/a
Combustible	TRUE
Finish	Brushed flat grain surface
FlammabilityRating	n/a
FragilityRating	n/a
Material	Wood (FSC 100%) polymer composite (WPC)
Reference	Frontier Fascia Board
TotalThickness	12mm
HasAntiStaticSurface	FALSE
HasNonSkidSurface	TRUE
TechnicalContact	info@envirobuild.com

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NBS DATA	
INFORMATION	DETAILS
Accessories	A2 grade steel, T15 countersunk screw (6mm head, 3mm shank, 4mm tread), 30mm metal or 35mm wood T15 drill bit
ColourOptions	Black
Recyclability	100%
RecycledContent	100% HDPE
SectionSize	28 x 20 x 11mm (L x W x H)
WaterAbsorption	0%
AcousticRating	n/a
Combustible	TRUE
Material	HDPE
Reference	6mm Hidden Fastener
TechnicalContact	info@envirobuild.com

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INFORMATION	DETAILS
Accessories	A2 grade steel, T15 countersunk screw (6mm head, 3mm shank, 4mm tread), 30mm metal or 35mm wood T15 drill bit
ColourOptions	Silver
Recyclability	100%
RecycledContent	0%
SectionSize	45 x 30 x 10mm (L x W x H)
WaterAbsorption	0%
AcousticRating	n/a
Combustible	TRUE
Material	304 Grade Stainless Steel
Reference	3mm Hidden Fastener
TechnicalContact	info@envirobuild.com

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NBS DATA	
INFORMATION	DETAILS
Accessories	A2 grade steel, T15 countersunk screw (6mm head, 3mm shank, 4mm tread), 30mm metal or 35mm wood T15 drill bit
ColourOptions	Black
Recyclability	100%
RecycledContent	0%
SectionSize	30 x 30 x 10mm (L x W x H)
WaterAbsorption	0%
AcousticRating	n/a
Combustible	TRUE
Material	304 Grade Stainless Steel
Reference	Starter Fastener
TechnicalContact	info@envirobuild.com