



ALLUR

LONG-LASTING COMPOSITE DECKING

COMPOSITE DECKING BOARDS

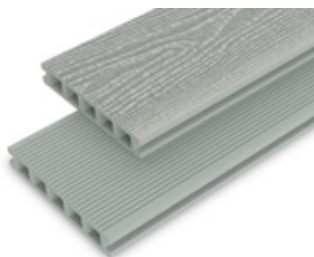
TECHNICAL SPECIFICATION GUIDE

JANUARY 2022

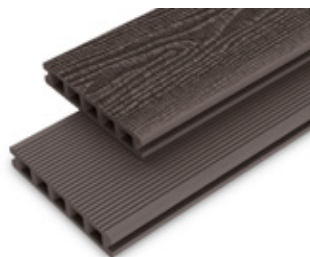
SALES@ALLUR.CO.UK | WWW.ALLUR.CO.UK



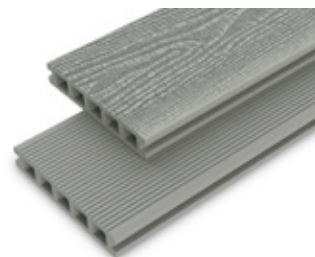
CHARCOAL
DCD01



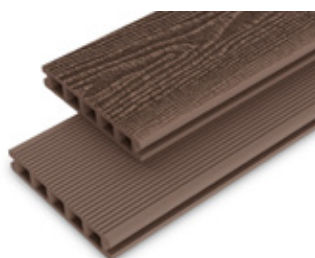
SILVER GREY
DCD02



GRAPHITE
DCD03



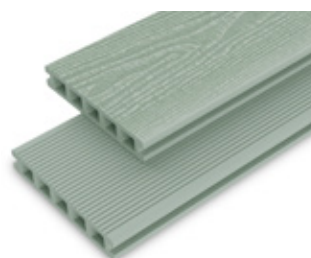
GUNMETAL
DCD04



CHOCOLATE
DCD05



CARAMEL
DCD06



SAGE
DCD07

WHY CHOOSE COMPOSITE?



NO TREATMENT
REQUIRED



DOES NOT
ROT OR WARP



SLIP
RESISTANT



DOUBLE-SIDED
BOARDS



DURABLE



CUTS & SCREWS
LIKE TIMBER

WEIGHT & DIMENSIONS

Product Weight (kg)	9.90kg
Product Length (mm)	3600mm
Product Width (mm)	148mm
Product Depth (mm)	25mm
Units Per Pack	1

Whilst every care has been taken to ensure that the information included in this document was accurate at the time of printing, we reserve the right to change product specifications at any time without prior notice. Due to variations in the photographic and printing processes the colours shown may vary compared to the actual product, therefore it is recommended that actual product samples are viewed prior to purchase. E&OE.



NO	PROPERTY		TEST METHOD	VALUES
1	Flexural Property	Bending Strength	EN 15534-4 :2014 Section 4.5.2 EN15534-1:2014 Annex A	23.6Mpa
		Modulus of elasticity		3585Mpa
		Maximum load (Mean)		3411N
		Deflection at 500N (Mean)		1.02mm
2	Linear Thermal Expansion Coefficient		EN 15534-4: 2014 Section 4.5.6 EN 15534-1:2014 Section 9.2 ISO 11359-2:1999	$48.6 \times 10^{-6} \text{K}^{-1}$
3	Heat build-up		EN 15534-4:2014 Section 4.5.7 EN 15534-1:2014 Section 9.4	Set temperature rise for use in horizontal position: 50°C Actual temperature rise for black control specimen: 49.5°C Temperature of test specimen: 44.2°C Predicted heat build-up ΔT : -5.3°C
4	Falling mass impact resistance		EN 15534-4:2014 Section 4.5.1 EN 15534-1:2014 Section 7.1.2.1	Max. Crack length (mm): No crack Max. Residual Indentation (mm): 0.43
5	Moisture Resistance under cyclic test conditions		EN15534-4:2014 Section 4.5.5 EN15534-1:2014 Section 8.3.2	Original Bending 23.6Mpa Strength: After exposure, Mean Bending 23.2Mpa Strength: Decrease: 1.7% Min Bending 22.8Mpa Strength: Decrease: 3.4%
6	Swelling and water absorption (28 days immersion)		EN15534-4:2014 Section 4.5.5 EN15534-1:2014 Section 8.3.1	Mean Swelling: 0.94% in thickness, 0.2% in width, 0.15% in length Water absorption: Mean: 3.18%
7	Slipperiness-groove side (Pendulum test)		EN 15534-4:2014 Section 4.4 EN 15534-1:2014 Section 6.4.2 CEN/TS 15676:2007	Longitudinal direction: Wet Mean: 52 Dry Mean: 67 Horizontal direction: Wet Mean: 53 Dry Mean: 74
8	Slipperiness-wood grain side (Pendulum test)		EN 15534-4:2014 Section 4.4 EN 15534-1:2014 Section 6.4.2 CEN/TS 15676:2007	Longitudinal direction: Wet Mean: 43 Dry Mean: 58 Horizontal direction: Wet Mean: 50 Dry Mean: 76
9	Class of reaction to fire performance		EN ISO 9239-1 a and EN ISO 11925-2 d Exposure = 15 s	C _{fl} - s1