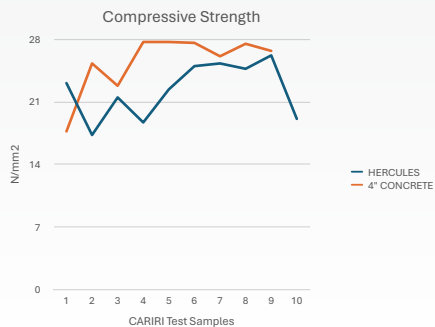


CLAY HERCULES BLOCK

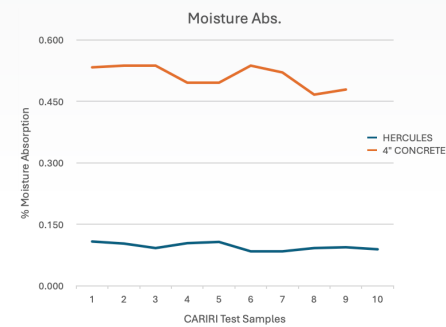
PROPERTIES	ACCEPTANCE CRITERIA
Classification	
ASTM C652	Grade: MW, Type: HBS, Class: H60V
TTS 587:2005	Grade: 1
Weathering Index	NA
Compressive Strength	
ASTM C652	Min Av of 5 samples 17.2 N/mm ² / Individual 15.2 N/mm ²
TTS 587:2005	Min Av of 5 samples 20.7 N/mm ² / Individual 17.2 N/mm ²
Average Compressive Strength Hercules (3rd Party Data)	22.33 N/mm ²
Water Absorbition	
ASTM C652	Max % Av of 5 samples 22% / Individual 25%
TTS 587:2005	Max % Av of 5 samples 17% / Individual 20%
Average Water Absorbition Hercules (3rd Party Data)	9.60%
Face and End Shell Thickness	<101 mm unit Min. 17 mm for both Face & End shell thickness. For 150 mm unit Min. 19 mm for both Face & End Shell thickness.
Tolerances on Dimensions	
ASTM C652	≤ 102 mm (±4mm) >102mm to ≤ 152mm (5mm)
TTS 587:2005	≤ 102 mm (±4mm) >102mm to ≤ 152mm (5mm)
Tolerance on Warpage	
ASTM C652	≤200mm (max. warpage = 4mm) 200mm -300mm (max. warpage = 6mm)
TTS 587:2005	<200mm max warpage = 3mm / 200mm to 300mm max warpage = 5mm
Size	4" x 8" x 16" (90mm x 190mm x 390mm)
Weight	6.70 ± 0.34kg
Blocks on pallet	234 blocks

PERFORMANCE INDICATORS



BESTCRETE 4" BLOCK

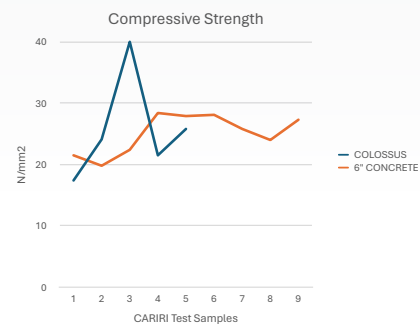
PROPERTIES	ACCEPTANCE CRITERIA
Classification	
ASTM C90	Normal Weight
TTCS 2:2020	Grade: 1
Weathering Index	NA
Compressive Strength	
ASTM C90	Min Av of 3 samples 13.8 N/mm ² / Individual 12.4 N/mm ²
TTCS 2:2020	Min Av of 3 samples 13.8 / Individual 12.4 N/mm ²
Average Compressive Strength 4 inch (3rd Party Data)	25.45 N/mm ²
Water Absorbition	
ASTM C90	For concrete density > 2000kg/mm ³ , Average of 3 units = 208kg/mm ³ / Individual Unit 240kg/mm ³
TTCS 2:2020	For concrete density > 2000kg/mm ³ , Average of 3 units = 208kg/mm ³ / Individual Unit 240kg/mm ³
Average Water Absorbition 4 inch (3rd Party Data)	51.2%
Face and End Shell Thickness	
AASTM C90	Nominal Width 102mm Face shell 19mm Web thickness 19mm
TTCS 2:2020	Nominal Width 102mm Face shell 19mm Web thickness 19mm
Tolerances on Dimensions	
AASTM C90	NA
TTCS 2:2020	NA
Tolerance on Warpage	
AASTM C90	NA
TTCS 2:2020	NA
Size	4" x 8" x 16" (90mm x 190mm x 390mm)
Weight	9.6kg (21.2lbs)
Blocks on pallet	162 blocks



CLAY COLOSSUS BLOCK

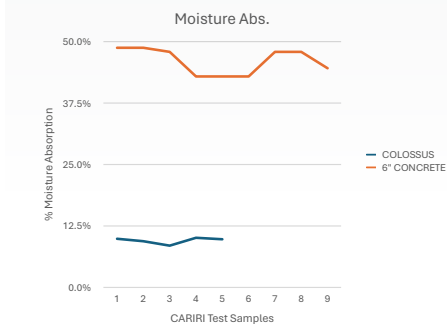
PROPERTIES	ACCEPTANCE CRITERIA
Classification	
ASTM C652	Grade: MW, Type: HBS, Class: H60V
TTS 587:2005	Grade: 1
Weathering Index	NA
Compressive Strength	
ASTM C652	Min Av of 5 samples 17.2 N/mm ² / Individual 15.2 N/mm ²
TTS 587:2005	Min Av of 5 samples 20.7 N/mm ² / Individual 17.2 N/mm ²
Average Compressive Strength Colossus (3rd Party Data)	25.76 N/mm ²
Water Absorbition	
ASTM C652	Max % Av of 5 samples 22% / Individual 25
TTS 587:2005	Max % Av of 5 samples 17 / Individual 20
Average Water Absorbition Colossus (3rd Party Data)	9.50%
Face and End Shell Thickness	<101 mm unit Min. 17 mm for both Face & End shell thickness. For 150 mm unit Min. 19 mm for both Face & End Shell thickness.
Tolerances on Dimensions	
ASTM C652	≤ 102 mm (±4mm) >102mm to ≤ 152mm (5mm)
TTS 587:2005	≤ 102 mm (±4mm) >102mm to ≤ 152mm (5mm)
Tolerance on Warpage	
ASTM C652	≤200mm (max. warpage = 4mm) 200mm -300mm (max. warpage = 6mm)
TTS 587:2005	<200mm max warpage = 3mm / 200mm to 300mm max warpage = 5mm
Size	6" x 8" x 16" (140mm x 190mm x 390mm)
Weight	9.00 ± 0.50kg
Blocks on pallet	168 blocks

PERFORMANCE INDICATORS



BESTCRETE 6" BLOCK

PROPERTIES	ACCEPTANCE CRITERIA
Classification	
ASTM C90	Normal Weight
TTCS 2:2020	Grade: 1
Weathering Index	NA
Compressive Strength	
ASTM C90	Min Av of 3 samples 13.8 N/mm ² / Individual 12.4 N/mm ²
TTCS 2:2020	Min Av of 3 samples 13.8 / Individual 12.4 N/mm ²
Average Compressive Strength 6 inch (3rd Party Data)	25.02 N/mm ²
Water Absorbition	
ASTM C90	For concrete density > 2000kg/mm ³ , Average of 3 units = 208kg/mm ³ / Individual Unit 240kg/mm ³
TTCS 2:2020	For concrete density > 2000kg/mm ³ , Average of 3 units = 208kg/mm ³ / Individual Unit 240kg/mm ³
Average Water Absorbition 4 inch (3rd Party Data)	46.1%
Face and End Shell Thickness	
ASTM C90	Nominal Width 152mm Face shell 25mm Web thickness 19mm
TTCS 2:2020	Nominal Width 152mm Face shell 25mm Web thickness 19mm
Tolerances on Dimensions	
ASTM C90	NA
TTCS 2:2020	NA
Tolerance on Warpage	
AASTM C90	NA
TTCS 2:2020	NA
Size	6" x 8" x 16" (140mm x 190mm x 390mm)
Weight	13kg (28.65lbs)
Blocks on pallet	156 blocks



CLAY CLASSIC BLOCK

PROPERTIES	ACCEPTANCE CRITERIA
Classification	
ASTM C34	Grade: LB, Type: N/A, Class: N/A
TTS 588:2015	Grade: 1
Weathering Index	NA
Compressive Strength	
ASTM C34	Min Av of 5 samples 4.8 N/mm ² / Individual 3.4 N/mm ²
TTS 588:2015	Min Av of 5 samples 4.8 N/mm ² / Individual 3.4 N/mm ²
Average Compressive Strength Classic (3rd Party Data)	6.9 N/mm ²
Water Absorbition	
ASTM C34	Max % Av of 5 samples 25% / Individual 28%
TTS 588:2015	Max % Av of 5 samples 12% / Individual 14%
Average Water Absorbition (3rd Party Data)	9.60%
Face and End Shell Thickness	7mm (minimum)
Dimensions	12 x 8 x 4 in
Tolerance on Warpage	
ASTM C34	≤200mm (max. warpage = 4mm) 200mm -300mm (max. warpage = 6mm)
TTS 588:2015	<200mm max warpage = 3mm / 200mm to 300mm max warpage = 5mm
Size	4" x 8" x 12" (90mm x 199mm x 300mm)
Weight	4.70 ± 0.25kg
Blocks on pallet	312 blocks

PERFORMANCE INDICATORS

