



ŞAHTAŞ SERAMİK VE TOPRAK A.Ş

Yeniköy OSB Mah. 507 Sok. No:5

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ŞAHTAŞ[®]
terracotta products

05

TS EN 771-1

Hand Made Clay Brick

Category 2,HD, 215*102*65 mm clay masonry units

Dimensions	: 215*102*65
Tolerance category	: T1
Range category	: R1
Flatness of bed faces	: < 3 mm
Plane parallelism of bed faces	: < 3 mm
Configuration	: Frogged
Compressive strength	: >30 N/mm ² (tested normal to the bed face)
Dimensional stability	: Conforms
Bond strength	: 0,15 N/mm ²
Active soluble salts	: S2
Reaction to fire	: A1
Water absorption	: ≤ % 15
Water vapour permeability	: 50/100
Direct airborne sound insulation	
Gross dry density	: 1700 kg/m ³
Configuration	: Frogged
Net dry density	: 1800 kg/m ³
Equivalent thermal conductivity	: P=50%: 0,49 W/m.K [λ10,dry] P=90%: 0,55 W/m.K [λ10,dry]
Durability against freeze thaw	: F2
Dangerous substances	: NPD
Initial water absorption rate	: < 2 kg/(m ² .min)