

AYDER HANDMADE BRICK / AYDER EL YAPIM TUĞLA**Lion Klinker Handmade Brick / Lion Klinker Elyapım tuğla****Product Technical Information Sheet / Ürün Teknik Bilgi Sayfası**

Lion Code / Lion kod	5000-0026
Production Plant / Üretim Yeri	Erbaa (Tokat)
Manufacture / Üretim Şekli	Handmade /Elyapım
Configuration / Kullanım alanı	Facade /Cephe
Colour / Renk	Ayder
Work Size (LxWxH mm) / Ebat	215x102x65 mm
Pack Quantity / Paket adet	640 Piece/Adet
Individual Dry Brick Weight (kg) / Kuru Ağırlık	2000 Kg/Piece/Adet

**Technical Properties to TS EN 771-1 / Teknik Bilgi**

Size Tolerance (Mean/Range) / Ölçü Tolerans	R2-T2_up to %2 of working length / %2 ye kadar Çalışma boyu
Durability Designation / Dayanıklılık sınıfı	Catagory F2
Water Absorption (%) / Su emme oranı	≤12 %
Initial Rate of Water Absorption (kg/(m ² .min) Başlangıç Su emme oranı	Average /Ortalama 1.5 - 4.0kg/m ² .min (IW3)
Active Soluble Salts /Aktif Çözülebilir tuzluluk	Catagory S2
Reaction to Fire / Yangın Sınıfı	Catagory A1
Freeze Thaw Resistance / Donma çözünme	Level 1 (-16 °C 150 Cycl) No damage / Hasar Yok
Fire Resistance Fire Class Organic Matter Quantity / Yangına Dayanıklılık Yangın Sınıfı Organik Madde Miktarı	Class/Sınıf A1
Tolerance / Tolerans	Catagory D1 Avr 2200 kgm ³
Water vapor diffusion / Su buharı difüzyonu	Water vapor diffusion coefficient of the masonry unit : (μ) max 10 / Kagir birimin su buharı difüzyon katsayısı : (μ) max 10
Comprehensive strenght /Bainç dayanımı	≥20N/mm ²
Thermal Conductivity / Termal iletkenlik	Max: 0,490 W/m K

The product quality control is performed at our company laboratory within the frame of KY-2685-03/10-R Quality Management System of our company.

This performance declaration is made by our company for which information is provided in the article and the approval signature is affixed by the authorized person.

TS -EN 771-1

Issue Date: 01/01/2024