

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

|                                                 |                    |
|-------------------------------------------------|--------------------|
| Lion Code / Lion kod                            | 5000-0017          |
| Production Plant / Üretim Yeri                  | Erbaa (Tokat)      |
| Manufacture / Üretim Şekli                      | Handmade /Elyapım  |
| Configuration / Kullanım alanı                  | Facade /Cephe      |
| Colour / Renk                                   | POKUT              |
| 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 <sup>2</sup> .min) / Başlangıç Su emme oranı                          | Average /Ortalama 1.5 - 4.0kg/m <sup>2</sup> .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 <sup>3</sup>                                                                                            |
| 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 |
| Compressive strenght /Bainç dayanımı                                                                          | ≥20N/mm <sup>2</sup>                                                                                                             |
| 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

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