



Technical Specifications



CLASSIFICATION ACCORDING TO SANS 1449:2012

Product Name **KRONOS CHARCOAL ECO 600X1200** Product Code **IKR812EA** Date of Test **DATE NOT SET**

| Parameter | Standard | Required | Achieved |
|--|-----------|--------------|----------|
| Length Range (mm) | SANS 1449 | ± 0.5% | - |
| Width Range (mm) | SANS 1449 | ± 0.5% | - |
| Thickness Range (mm) | SANS 1449 | ± 5% | - |
| Straightness of Sides (%) | SANS 1449 | ± 0.3% | - |
| Rectangularity (%) | SANS 1449 | ± 0.5 | - |
| Centre Curvature (%) | SANS 1449 | +0.5 / -0.3 | - |
| Edge Curvature (%) | SANS 1449 | +0.5 / -0.3 | - |
| Warpage (%) | SANS 1449 | ± 0.5 | - |
| Water Absorption (%) | SANS 1449 | 0.5 < E < 3 | - |
| Modulus of Rupture (Mpa) | SANS 1449 | MIN 30 | - |
| Scratch Resistance (MOHS) | SANS 1449 | MIN 5 | - |
| Resistance to Surface Abrasion (PEI) | SANS 1449 | MIN 2 LOW | - |
| Slip Resistance Rating | DIN 51130 | MIN 2 LOW | - |
| Coefficient of Linear Thermal Expansion (10-6/C) | SANS 1449 | MAX 9 | - |
| Resistance to Household Chemicals & Swimming Pool Agents | SANS 1449 | MIN CLASS B | - |
| Resistance to Staining | SANS 1449 | MIN CLASS II | - |
| Resistance to Cracking | SANS 1449 | NO CRAZING | - |
| Moisture Expansion | SANS 1449 | < 0.05% | - |