



ANH Refractories Europe Ltd

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DATA SHEET

SAIRSET

DESCRIPTION:

Sairset is a wet, air setting high temperature mortar of high bond strength and refractoriness.

APPLICATIONS:

Sairset can be used for jointing all types of brickwork. Its good moisture retention properties mean that it is easy to apply.

CHEMICAL ANALYSIS - Calcined Basis

Silica – SiO ₂	.....	50.0%
Alumina – Al ₂ O ₃	.....	43.0%
Iron Oxide – Fe ₂ O ₃	.....	1.5%
Titania – TiO ₂	.....	2.2%
Lime - CaO	.....	0.4%
Magnesia - MgO	.....	0.4%
Alkalies – Na ₂ O + K ₂ O	.....	2.8%

NOTE

The test data shown are based on average results of control tests and are subject to normal variation on individual tests. These results cannot be taken as maximum or minimum requirements for specification purposes.



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PHYSICAL PROPERTIES

MAXIMUM RECOMMENDED TEMPERATURE	1700°C
REFRACTORINESS TEST - ASTM C199 1700°C Test Temperature	No Softening or Flowing
WEIGHT REQUIRED TO LAY 1000 9 x 4 ½ x 2 ½ (229 x 114 x 63mm) BRICK Dipping Consistency	350 Kg
MODULUS OF RUPTURE - ASTM C198 On Brick with Ends Bonded Together Using Mortar in Trowelling Consistency Dried at 105°C	Mpa 4.48 - 5.86
WATER RETENTION A. R. I. Technical Bulletin No 60	Minimum of 15 minutes
PARTICLE SIZE - ASTM C92 Maximum Retained on 20 Mesh (0.83mm) Maximum Retained on 35 Mesh (0.42mm)	Less Than 1.0% Less Than 5.0%

Ref: 111/8/9/08

