



Duquesne

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DUQUESNE RÉFRACTAIRES, DIV. DE MULTIBOND INC.

DUQUESNE REFRACTORIES, DIV. OF MULTIBOND INC.

HTC

Recommended Service Temperature Limit, °C, (°F)	1538 (2800)
Type of Set	Chemical/Air
Mixing Water, per Container, litres, (pints):	
Trowelled Joints	N/A
Dipped Joints	N/A
Mortar Required per 1000 9" equivalents, Kg (lb.):	
Trowelled Joints	160 (350)
Dipped Joints	N/A
Maximum particle size, mm (mesh)	0.3 (50)
Storage Life, months	6 months
Packaging, weight per container, Kg (lb)	Various

Typical Chemical Analysis, % (Calcined Basis)

Al ₂ O ₃	4.1	Fe ₂ O ₃	0.1	Na ₂ O	2.8
SiO ₂	92.7	CaO	< 0.1	K ₂ O	< 0.1
TiO ₂	0.2	MgO	< 0.1		

After Heating at:
°C (°F)

Joint Modulus of Rupture
MPa (lb/in²), ASTM C-198

110 (230)	5.6 (800)
815 (1500)	--- (---)
1400 (2550)	--- (---)

Refractoriness Test, ASTM C-199

N/A °F (N/A) °C No softening or flowing

SEPT 2009

EXP 1012

REVISION 0

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Note: Data are averaged results of laboratory tests conducted under applicable and current ASTM standards, except where noted. Data should not be used for exact specification purposes.