QMAX Thermally Enhanced Core

Along with improved thermal properties, the new QMAX core has many additional sustainable characteristics:

- 100% Recyclable with post-industrial and post-consumer recycled content
- 13.6% Carbon footprint reduction
- Environmentally friendly containing no hazardous materials or off-gassing
- Zero global warming potential in the foaming agent
- Long term stable U and R value to help reduce energy consumption with 10% energy savings over prior core design

QMAX is a new thermally enhanced core for applications where polyisocyanurate cores are normally specified.

The new QMAX thermally enhanced core has a significantly improved thermal rating (0.35 U value in a Mercury 3 Thermal Brake frame and 0.37 in a masonry frame) over the previously polyisocyanurate core in a masonry frame. As a result, the new QMAX core is replacing polyisocyanurate cores in Stiles doors.

Door Series/Core	SDI-113 and ASTM 1199						ASTM C518	
	Mercury 3 Frame Mercury Frame		Weather Kerf		Standard Frame		Core Calculation	
	U-Factor	R-Value	U-Factor	R-Value	U-Factor	R-Value	U-Factor	R-Value
Hollow metal door with QMAX Thermally Enhanced Core	0.35	2.87	0.37	2.72	0.37	2.72	0.13	7.8

**Tested in hollow metal door construction similar to Stiles door construction; thermal values representative of anticipated thermal values.*

Contact your Stiles Customer Service Professional or your local ASSA ABLOY Door Security Solutions Representative to find out more.

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