

# TOMBO NO.5535F



<b>Our Proposal</b>	: TOMBO NO.5535F Heat Resistant Insulating Cement Asbestos Free
<b>Manufacture</b>	: NICHIAS CORPORATION
<b>Description</b>	: Diatomaceous earth, anti-alkali mineral fiber, granulated mineral wool and colloidal clay.
<b>Service Temperature Limits</b>	: Up to 1,000 C
<b>Bulk Density</b>	: 400 kg/m <sup>3</sup> max.
<b>Volume Change, linear shrinkage, upon drying</b>	: 35%max.
<b>Compressive strength at 5% deformation</b>	: 0.7 kgf /cm <sup>2</sup> min
<b>Dry adhesive to steel</b>	: 0.28 kgf / cm <sup>2</sup> min
<b>Linear shrinkage after heated at 1,000 C for 3 hour</b>	: 3.0%
<b>Water to mix</b>	: 400 liters / 100 kgs
<b>Coverage, average</b>	: 10 m <sup>2</sup> / 100 kgs at 25 mm dry thickness
<b>Thermal Conductivity, max. Kcal/m.h C at mean temp. of</b>	<b>NICHIAS Corporation</b> 1-26, shibadaimon 1-chome, Minato-ku, Tokyo 105-8555 Japan.
<ul style="list-style-type: none"> <li>• 95 C : 0.11</li> <li>• 260C : 0.15</li> <li>• 370C : 0.17</li> </ul>	

Conforming to ASTM C195-77



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