



### Aremco-Seal 529 / 617

Rev.: 02/16

#### Description

These products are used to seal porous ceramics, metals, refractory materials, graphites and plastics. Aremco-Seal is used for final sealing of heating elements and connections, protective coatings for force resistors, coils and sealing of ceramics.

These sealants can be applied by spraying, dipping or brushing on porous surfaces.

Aremco-Seal is characterised by moisture resistance, good electrical insulation, resistance to open flame, excellent corrosion resistance and mechanical toughness at high temperature.

**Aremco-Seal 529** is a silicone-based 1-K system for sealing porous metals and ceramics with a temperature resistance up to +430 °C

**Aremco-Seal 617** is a glass based airtight 1-K system for porous ceramics and refractory materials with a temperature resistance up to +820 °C

Characteristics	Aremco-Seal 529	Aremco-Seal 617
Max. Temperature	+430 °C	+820 °C
Main Components	Silicone	Glas
Spec. Gravity	1.05 g/cc	1,45 g/cc
Dielectric Strength	>13.2 KV/mm	1000 volts/mil
<b>Resistances</b>		
Alkali	Good	Excellent
Organic Solvents	Good	Excellent
Abrasion	Very good	Excellent
Impact	Acceptable	Good
Temperature Shock	Good	Very good
Flammable	No	No
Moisture	Excellent	Excellent
<b>Good adhesion to</b>		
Ceramics	Yes	Yes
Metal	Yes	With pretreatment
Reinforced plastics	Yes	No
Refractory Materials	Yes	Yes
Graphite	Yes	No
Colour	Transparent	Transparent
Viscosity	100-300 cps	2400 cps

#### Hardening

##### **Aremco-Seal 529**

- 30 min – 1 Hour air cure at RT
- 30 min – 1 Hour heat cure at 90 °C
- + 45 min – 1 Hour final cure at 250°C

##### **Aremco-Seal 617**

- 30 Min air cure at RT
- 30 Min heat cure at 90 °C
- + 1 Hour heat cure at 175 °C
- + 3 Hour final cure at 900 °C

Alle hier gemachten Angaben dienen der Information und sind keine rechtsverbindlichen Zusagen. Sie entbinden den Anwender nicht von eigenen Vorversuchen.  
Wir haften nicht für Verarbeitungsergebnisse

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Erfüllungsort ist Sitz des Lieferanten. Die Ware bleibt bis zur restlosen Bezahlung Eigentum des Lieferanten. Es gelten unsere Geschäftsbedingungen