

17AS.004

High temperature varnish moisture-proof



Summary

Overview

SUMMARY

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PRODUCTS

Duraseal™ 1529H

Duraseal™ 1529 UHT

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Duraseal™ varnishes are composed with product mixtures with an organic and inorganic base, specifically made to protect against moisture. Those products are also used as an impregnation way, coatings and topcoat. They can be applied on porous ceramics, ceramic papers, fibrous boards and high-pressure joints...

The varnish moisture-free resists well to chemical products and have a high dielectrical ability.

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Products

Duraseal™ 1529H

Properties

- Temperature stability: 315 °C for the 1529
- Temperature stability: 398 °C for the 1529

Applications

- Cracks repair
- Correct binding to metals, ceramics, glass and to a lot of plastic materials.

Implementation

- Polymerization by curing at 180 °C
- Post-curing: 1 hour between 200 and 230 °C

Duraseal™ 1529 UHT

Properties

- Stability at temperature up to 980 °C
- Silicone and glass composite

Applications

- Protection of heating elements
- Binding on ceramic, quartz or metal
- Coating or varnish
- Joint

Implementation

- Polymerization by curing 2h at 218 °C
- Enamelling of the surface about 1h at 760 °C

**Dimensions**

Item N°	Resin		Hardener	
	Mass/Volume	Containing	Mass/Volume	Containing
1529H-2	1 kg	Quart US	Mono-component	
1529H-3	3,6 kg	Gallon US	Mono-component	
1529UHT-1	500 g	Pint US	Mono-component	
1529UHT-2	1 kg	Quart US	Mono-component	
1529UHTT-1	/	/	450 g	Pint US

Technical data

Properties	Unit	1529H	1529UHT
UN code		1993	-
Stability at continuous temperature	°C	398	980
Color		light	white
Composition		catalyzed silicone	silicone/glass
Sealing		Excellent	Excellent
Chemical resistance		Good	Excellent
Furnace polymerization		4 h at 180 °C	200 °C
Post-curing		1 h at 200-230 °C	2 h at 215 °C + enamelling 1h btw 590 °C and 760 °C

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