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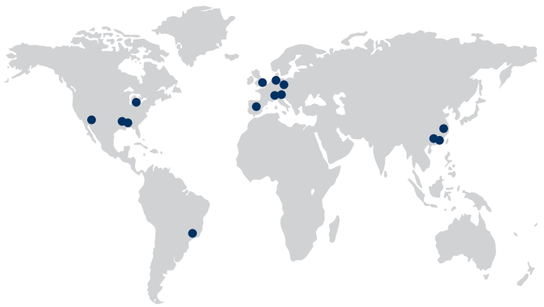

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Concept and design by Zygmund SARL

Advanced Materials

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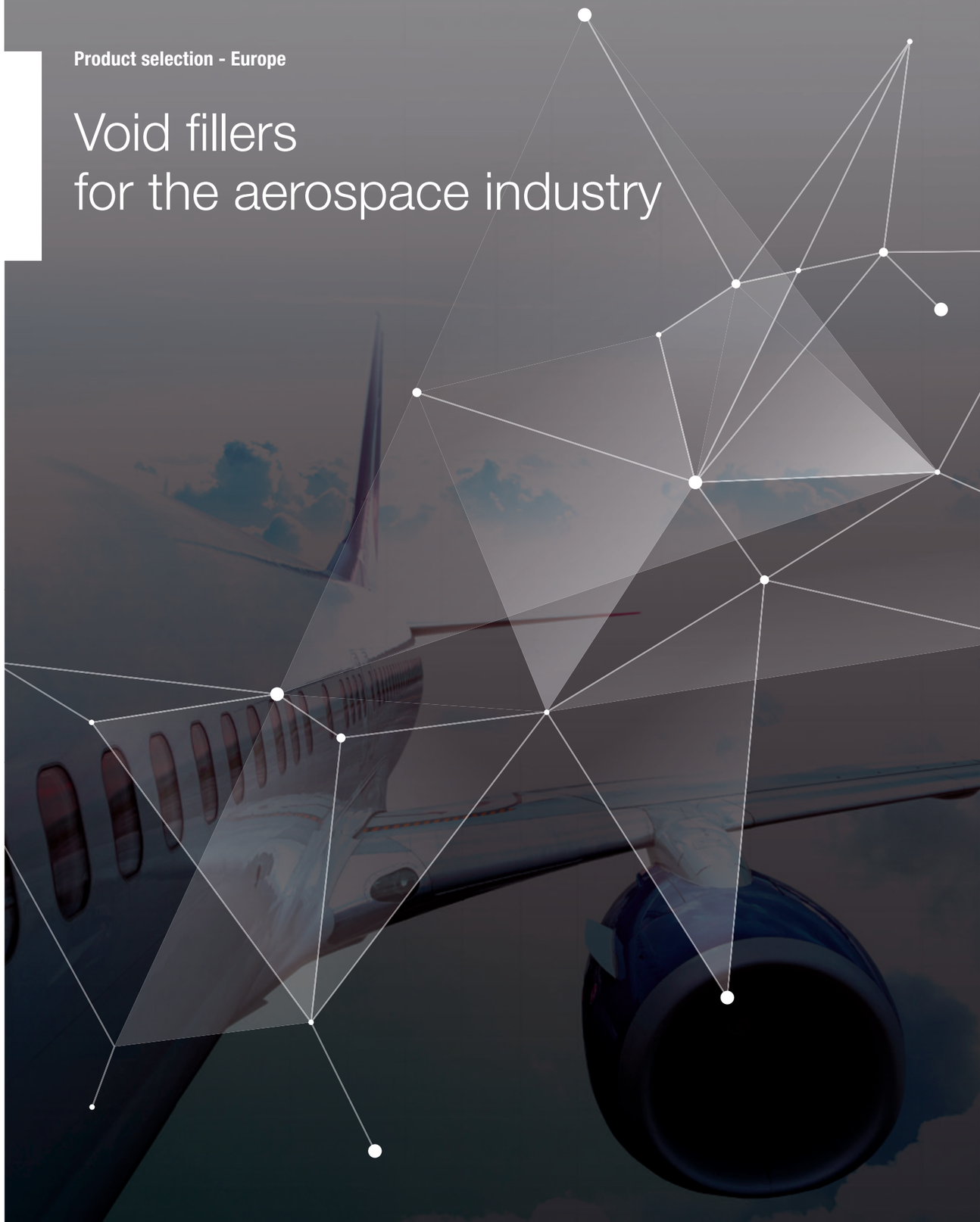
Product selection - Europe

Void fillers for the aerospace industry



	Product	Mix ratio	Consistency	Gel time	Suggested cure schedule	Max service temperature	Compressive strength	Density	Color	Flame retardant	Packaging					OEM specifications
	Conditions		23°C	23°C			23°C				Cartridges	Kits	Semkits®	Bulk	Patties	
	Units	pbw		min	°C	°C	MPa									
Low density ↑	**Epocast® 1645 A/B**	100 : 100	Paste	65 (100 g)	1 - 3 days at 23°C or gel at 23°C + 1 - 3h at 50°C	175	20	0.48	Brown	●		●				GE EMPIS A15 B218 A1
	Araldite® 1641 A/B	100 : 30.5	Soft paste	Work life: 180 (50 g)	1 day at 23°C + 2h at 100°C	- Typical service temperature: 90°C	15	0.50	Pale blue				●	●		Rolls-Royce MSRR 1076
	Araldite® 1644 A/B	100 : 20	Paste	Work life: 35 (200 g)	1 - 1,5 days at 23°C or 3 - 4h at 23°C + 2h at 60 - 80°C	- Typical service temperature: 80°C	30	0.55	Pale green					●		Airbus AIMS 10-03-001
	Epocast® 1626 A/B	100 : 29	Paste	60 (50 g)	7 days at 23°C or 2h at 70°C	-	-	0.65	Brown			●	●			Boeing BMS 5-28, Type 26, Class 1 / Bell 299-947-097, Type 5
	Araldite® 252-1 A/B	100 : 30	Paste	120	7 days at 23°C or 2h at 70°C	- Typical service temperature: 80°C	45	0.75	Blue or white	●		●		●		Airbus ASNA 4072 ind.B / Airbus AIMS 10-03-005
	Epocast® 1648 A/B	100 : 20	Paste	18 (60 g)	3 days at 23°C or gel at 23°C + 5h at 50°C	-	50	0.70	Off-white	●		●	●			Boeing BMS 5-28, Type 18
	Epocast® 1649-1 A/B	100 : 50	Paste	10	3 days at 23°C or 3h at 50°C	-	40	0.70	Light blue	●	●					Huntsman standard certification
	Epocast® 1617 A/B	100 : 20	Paste	60-90 (60 g)	7 days at 23°C or 2h at 50°C	-	40	0.70	Off-white	●		●				Boeing BMS 5-28, Type 17 / Rohr RMS 027, Type 5, Class 3, SCO 036 / Bombardier SMS 41, Type 3 / Alenia MDL08055 / Gamesa GMS 124047 / Kaman CMS-007-4 / Piaggio NP190112, Type 17
Two-component	**Epocast® 1618 D/B**	100 : 14	Paste	15 (55 g)	7 days at 23°C or 5h at 50°C	-	35	0.70	Off-white	●		●	●			Boeing BMS 5-28, Type 18, Class 1
	Epocast® 1619 A/B	100 : 25	Semi-paste	20-50 (60 g)	7 days at 23°C or 5h at 50°C	-	40	0.70	Off-white	●	●	●				Boeing BMS 5-28, Type 19
	Epocast® 1633 A/B	100 : 50	Paste	5-12 (75 g)	3 days at 23°C or 5h at 50°C or 2h at 65°C	-	45	0.73	Light blue (available in different colors)	●	●					Boeing BMS 5-28, Type 18, Class 2
	Epocast® 1656 A/B	100 : 12	Paste	50-90 (100 g)	7 days at 23°C or 2-3h at 65°C	175	55	0.80	Light tan			●				Grumman GM 4006, Type 1, Class B, FM 1 / Vought VM 4006, Type 1, Class D, FM1, AM 2 / Pratt and Whitney CPW 505
	Epocast® 1652 A/B	100 : 12	Paste	30-60 (100 g)	7 days at 23°C or 2-3h at 65°C	175	55	0.80	Light tan			●	●			Grumman GM 4006, Type 1, Class B, FM 1 / Sikorsky SS-9587, (-003A) Type 2, Class 1 / Embraer MEP 10-051, Type 2, Class 1 / Gulfstream GMS 4005, Type 1, Class B, FM 1 / Allied Signal PCS 5606 / Hurel-Hispano HS/DFO-010
	Epocast® 89537 A/B	100 : 18,5	Pourable	70 (60 g)	7 days at 23°C or 1h at 175°C	175	60	0.90	Grey	●		●				Airbus I+D-N-200 - Z18.115-2 / Boeing BMS 5-28, Type 7, Class 2 / Lockheed Martin STM M1069 / Alenia MDL8027, Type 7
	CG 1305 A/B	100 : 20	Pourable	> 60 (60 g)	7 days at 23°C or 1h at 175°C	175	62	0.90	Off-white	●		●	●			Boeing BMS 5-28, Type 7, Class 1 / Alenia MDL8027, Type 7 / Spirit SMS-116201, Type 1
	Epocast® 1511 A/B	100 : 15	Paste	Work life: 40 - 60 (50 g)	24h at 23°C or gel at 23°C + 5h at 50°C	-	70	1.25	Grey			●				Boeing BMS 5-28, Type 3
High density ↓	**Epocast® 1636 A/B**	100 : 8	Pourable	120 (55 g)	7 days at 23°C or 1h at 175°C	175	100	1.72	Grey	●		●				Boeing BMS 5-28, Type 6 / Gulfstream GMS 4005, Type 1, Class C, FM 2 / Kaman CMS-007-3
	Epocast® 1635 A/B	100 : 23	Soft paste	> 60 (60 g)	7 days at 23°C or 2.5h at 95°C	175	100	1.80	Blue-Grey		●	●				Boeing BMS 5-28, Type 31
Low density ↑	**Epocast® 1610-A1**	Premixed	Non-flow paste	30 days after thaw	1h at 125°C	-	15	0.50	Off-white	●		●				Boeing BMS 5-28, Type 10
	Epocast® 1614-A1	Premixed	Extrudable paste	8h after thaw	1h at 175°C or 1.5h at 120°C	175	100	0.75	Red-brown	●	●				●	For complete list see list «Aerospace products by specifications»
One-component	**Epocast® 1614-A2**	Premixed	Extrudable paste	Work life: 24h	1h at 175°C or 1.5h at 120°C	175	125	< 0.75	Reddish-brown	●	●				●	GE EMPIS A15 B205 (GE A15B205D1) / Grumman ACS-MRS-5601
	Epocast® 938-A2	Premixed	Extrudable paste	18h after thaw (100 g)	1h at 175°C or 1.5h at 120°C	175	150	< 1.4	Off-white	●	●					Boeing BMS 5-28, Type 12, Class 1 & 2 / Boeing BMS 5-28, Type 13 / Vought VM 4006, Type 3, Class B, FM 1, AM 2 / Grumann GM 4006, Type 3, Class B, FM1
High density ↓	**Epocast® 927-1**	Premixed	Extrudable paste	Work life: 24h after thaw	1h at 175°C or 1.5h at 120°C	175	125	1.15	Off-white		●					Goodrich RMS 027, Type XV, SCO 036
	Epocast® 1627-2	Premixed	Extrudable paste	24h after thaw	1h at 175°C	175	200	1.80	Grey		●				●	Boeing BMS 5-28, Type 27 / Airbus Coasa RP1021209