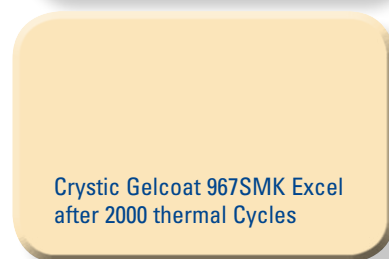


Crystic Gelcoat 967 Excel

Scott Bader has spent significant time and money in Research and Development to bring you a market leading iso-NPG spray gelcoat for sanitaryware applications designed to offer superior technical performance.

Technical Performance Benefits

- *This new formulation eliminates the industry problem of microporosity usually exposed after abrasion of the gelcoat.*
- *967 Excel has improved flow without sagging to prevent costly repairs.*
- *Initial gloss is noticeably better than competitive sanitaryware gelcoats which means less polishing is required and an enhanced surface finish is achieved.*
- *At least 40% increase in thermal resistance compared to competitive sanitary gelcoats proven in a severe thermal shock test.*
- *Quick cure – faster production cycle times.*
- *Excellent chemical resistance.*
- *Passes sanitaryware standard test NF XPD12-210 for good stain resistance.*



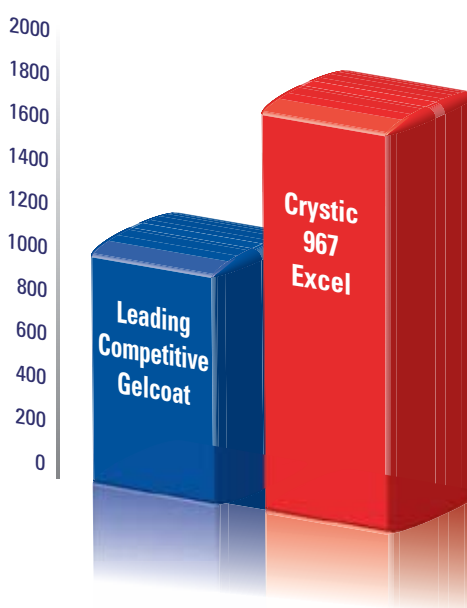
Thermal Shock Resistance

In a rigorous thermal shock resistance test, Crystic 967 Excel completed 2000 thermal cycles without any evidence of surface degradation. A leading competitive gelcoat revealed a damaged surface finish after 1200 thermal cycles.

Steps Within One Thermal Cycle in Test

90 seconds flow* with hot water at 75°C
30 seconds dwell time
90 seconds flow* with cold water at 15°C
30 seconds dwell time

*Flow rate : 4 litres/minute



The graph demonstrates 967 Excel provides significantly better thermal shock resistance than a leading competitor gelcoat.

Product Range

Crystic Gelcoat 967SMK Excel

for airless spray equipment applications

Crystic Gelcoat 967K Excel

for gravity gun applications

Crystic Microban Gelcoat 967SMK Excel

for applications requiring antibacterial protection against common bacteria and fungus

Crystic Gelcoat 997SMK

for applications requiring a water clear chemical resistant gelcoat

Applications :

The specially designed formulation makes Crystic Gelcoat 967 Excel an ideal choice for demanding sanitaryware applications where surface quality and long-term performance is essential.

- Bathroom sinks
- Baths
- Shower trays
- Shower cabins

Sanitaryware Markets

- Domestic and commercial properties
- Hospitals
- Hotels
- Public Buildings
- Luxury Yachts
- Cruise liners



A leading European sink manufacturer has chosen 967 Excel as it has outstanding thermal shock resistance compared to competitive products and has zero microporosity after abrasion of the gelcoat.

Mechanical Data for Gelcoat 967 Excel in Cured State

Product	967 Excel	Leading Competitive Gelcoat
Tensile Elongation	3	2
Tensile Strength	70	64
Tensile Modulus	3400	3800
Barcol Hardness	45	45
HDT (1.80MPa)	90	83

Physical Data for Gelcoat 967 Excel in Liquid State

Product	967 Excel
Viscosity @ 2.5rpm (dPas)	300
Thixotropic Index	6
Specific Gravity	1.18
Geltime 2% Catalyst M @ 25°C (mins)	8

For more information or technical advice on this new gelcoat or on any Crystic resins, gelcoats, bonding pastes, Crestapol resins or Crestomer structural adhesives, please contact us as detailed below.

Head office, UK +44 1933 663100 **France** +33 22 66 27 66 **Scandinavia** +46 346 10100 **Germany** +49 961 401 84474
Croatia +385 1 240 6440 **Eastern Europe** +420 48 5228 344 **Spain** +34 93 553 1162 **U.S.A** +1 330 920 4410
South Africa +27 31 736 8500 **Middle East** +971 488 35025 **Asia** +86 (21) 52987778 / +86 (21) 52988887
email: composites@scottbader.com