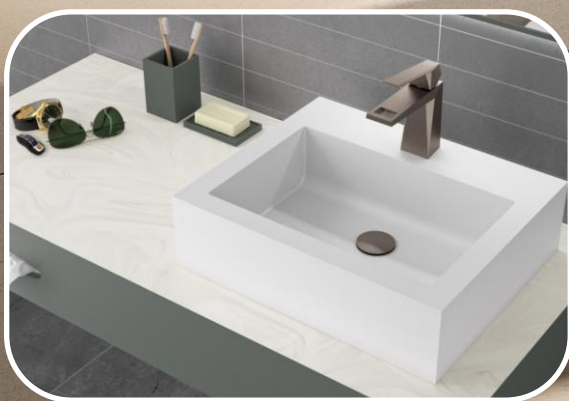


VARENITE SOLID SURFACE



ACRYLIC

SOLID SURFACE
INNOVATION

SPECIAL ACRYLIC RESINS FOR SOLID SURFACE

Varenite PLEX

Methyl Methacrylate (MMA) and Poly Methyl Methacrylate (PMMA) Resin

Varenite PUMA

Urethane-modified Polymethyl Methacrylate Resin



More and more architects and builders are using the material for outdoor furniture or outside façade designs. The result: expansive, virtually seamless surfaces and an attractive visual style emanating from the linear or curved contours.

OPTIMAL, SMART AND CLASSIC Varenite

Special acrylic resin for lamination & solid surface

An acrylic solid surface material **Varenite PLEX** which is composed of Methyl Methacrylate (MMA) and Poly Methyl Methacrylate (PMMA) resin.

WHY ACRYLIC SOLID SURFACE?

- Easy to work with – It can be bent and shaped during fabrication
- Antimicrobial – Jointless installation eliminates a place for crumbs, dirt, stains, and bacterial.
- Highly durable – Non porous, acid-resistant, and therefore easy-to-clean surface.
- Environmentally friendly – Renewable and repairable surface.

varenite



THERMAL STABILITY

Acrylic solid resists changes in colour and shape when heat is applied to the material from direct and indirect heat sources. It has been tested in the following thermal categories:

- Heat Resistance
- Hot Water Resistance
- Weatherability
- UV Stability



Acrylic Solid Surface Workshops with excellent dimensional stability

The widest and most flexible offer in the world of solid surfaces to meet the specific needs of each project.

From grey tones expressed in to white variegated marble, is inspired by modern architecture and nature.



The acrylic solid surface with a high level of alumina trihydrate content as the filler, an ingredient which provides superior resistance to stains and chemicals.

Acrylic Solid Surface for wide selection of colors and design applications



SOLID SURFACE Varenite PUMA

Cold-curing, solid surface application

The variety of solid surface materials is large. In general, two types of solid surface materials can be distinguished: acrylic based materials and polyester based materials.





Safe, stylish, sophisticated surfaces add to the allure of your environment with beautiful, functional and safe solid surfaces. Sleek, modern, beautiful kitchens and baths help sell homes and the right countertop, shower or bath makes a difference. Countertops need to resist scratches, burns, and chipping while remaining smooth, clean and beautiful. The right material in a shower or tub can help create a spa-like feel for bathrooms.

SYNTHETIC ACRYLIC Varenite

Urethane-modified Polymethyl Methacrylate Resin

One of the strongest and most durable sinks on the market today.



Defining your sink space is an important decision. It is not just about good looks, it is also about what works for you. The sink are

made from the finest materials.



Varenite PLEX

Methyl Methacrylate (MMA) and Poly Methyl Methacrylate (PMMA) Resin

Varenite PUMA

Urethane-modified Polymethyl Methacrylate Resin

Solid Surface made from acrylic solid surface material which is highly resistant to stains and chemicals. It is used everywhere that you can imagine such as kitchen, hotel, healthcare or transport, the design capabilities are endless.

Varenite PUMA SC 1200 for engineered stone slabs



ACRYLIC
SOLID SURFACE
INNOVATION

Varenite PUMA & PLEX; SPECIAL ACRYLIC RESINS FOR SOLID SURFACE; COLD-CURING

Product	Characteristics	Nonvolatile Content [%]	Viscosity [mPa.s]	Application
ACC 8891	Activated resin	36 – 38 in MMA	max. 600	Cold-curing, solid surface application
ACC 8892	Accelerated resin	31 – 33 in MMA	max. 600	Cold-curing, solid surface application
ACC 8893	Accelerated activated resin	39 – 41 in MMA	max. 600	Cold-curing, solid surface application
ACC 8577	Flexible methacrylat resin	69 – 71 in MMA	max. 3,000	Cold-curing, for flooring panels, durable sinks.
ACC 8573	Flexible methacrylat resin	25.5 – 27.5 in MMA	max. 100	Solid surface
ACC 8544	Urethane-modified polymethyl methacrylate	42 – 44 in MMA/BAC	max. 150	Binder for floor panels (blind guide system for floors, barrier-free areas in, for example, railway stations).
ACC 8527	Polymetha acrylat modified	32 – 34 in MMA	max. 150	Cold-curing, for flooring panels, durable sinks.
ACC 8481	Polymetha acrylat modified	47 – 49 in MMA	max. 3.000	Cold-curing, for flooring panels, durable sinks.
ACC 8482	Flexible polymetha acrylic	56 – 57 in MMA	max. 1.000	Bridge coatings
ACC 8485	Modified special acrylic resin	47 – 49 in MMA	max. 3.000	Cold-curing, for the production of sinks and bath.
ACC 8488	MMA free modified special acrylic	47 – 49 in HEMA	max. 6000	Cold-curing, for the production of sinks and bath.
ACC 8351	Special acrylic resin	69 – 71 in MMA	2.000 – 3.000	Cold-curing solid surface.
ACC 8350	MMA-Acrylic resin	53.5-56.5 in isobutyl methacrylate	450 – 550	Urethane-modified polymethyl methacrylate resin having reactive, cycloaliphatic side chains, is suitable as a binder for the production of engineered stone and polymer concrete.
ACC 8306	MMA-Acrylic resin	52 in tert.-butylmethacrylat	450 – 550	A binder based on a solution dissolved in isobutyl methacrylate urethane-modified polymethyl methacrylate resin having reactive, cycloaliphatic side chains, is suitable as a binder for the production of engineered stone and polymer concrete.
SC 2100	Urethane-modified MMA-Acrylic resin	48 in MMA	200 – 600	A dissolved in methyl methacrylate binder based on a urethane-modified polyalkyl methacrylate resin having reactive, cycloaliphatic side chains, as a binder for the production of solid surface. It is characterized by high reactivity and can be used when appropriate combinations of peroxides and accelerators even without heat at low cure shrinkage.
ACC 8396	Acrylic resin components	37 in MMA	50 – 80	Casting resin system for vacuum forming, compared to other materials (ie glass fiber reinforced plastic), the system is more temperature-resistant, allows non-air bubbles and does not need to be post-tempered. In addition, the molds can be machined mechanically (eg drilling, milling, grinding, planing, sawing, turning, etc.).
ACC 8355	Urethane modified polyalkyl(meth)acrylate	30 in MMA	max. 100	For styrene-free 2K stone cement, shows high reactivity and with suitable peroxides it can be cured without heat supply at low shrinkage.
SC 1200	tert.-butylmethacrylate (TBUMA)	76	450 – 550	A high solid, urethane modified polyalkyl(meth)acrylate resin with reactive, cycloaliphatic side chains, which is solved in tert.-butyl methacrylate. PUMA SC 1200 is suitable as a binder for the production of engineered stone and polymer concrete.



VARENA CHEMICAL SOLID SURFACE

VARENA Chemical is a global Company in the Intermediates, Coating, Adhesives, Inks and Composite and solid surface Resins, Thermoset Compounds, Gel-coats and niche Specialties and specialty additives for Coatings and Inks.

VARENA Chemical is known for its superior quality and impressive range of products and with its excellent distribution network it can provide first-class service to customers whatever their market. Customer Service and Technical Service teams are renowned for their customer focus, offering the best service even after products have left manufacturing.

The Group strives to keep customers satisfied, assisting them in producing premium quality products every time they use its products.

Product innovation is important for the Group's business and it's the reason for which it constantly works with customers to find solutions to problems.

Introducing new or improved products ensures that VARENA Chemical continue not only to deliver what the market wants and needs, but also when it is wanted and needed.



VARENA CHEMICAL SOLID SURFACE RESINS



INNOVATIVE TECHNOLOGIES FOR RESINS & ADDITIVES
DR. IRANKHAHI CHEMICAL COMPANY

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