NOVACRYLIC COMBINATION SURFACE

NOVACRYLIC COMBINATION SURFACE is a factory mixed blend of Novacoat and Novafil supplied in a concentrated form so that only water need be added prior to application on asphalt or Portland cement tennis courts. This product is used both for new and recoat work.

NOVA SPORTS USA began manufacturing this product upon request from contractors who wanted a blend of texture and topcoat, which would require only the addition of water at the jobsite. Now the only decision to be made by the technicians doing the applications is: "How much water do I add?". In actual practice, using NOVACRYLIC COMBINATION SURFACE makes ordering and shipping materials to the jobsite much simpler. The main concern becomes: how many courts, how many coats and what color is specified.

NOVACRYLIC COMBINATION SURFACE makes applications simpler. Contractors achieve better looking courts than they were getting using other materials ***and*** they were doing it at no more material cost! In some cases, lower labor costs and less loss through wasted materials. Almost without exception, every contractor who has tried "Combo" has converted to this system.

This coating has a non-slip texture with a unique low abrasive feature that makes playing on a Novacrylic surface easier on players and tennis balls. Because the aggregates used in this product are non-angular, the sharp edges found in ordinary sand are not present. This allows us to produce maximum texture with minimum abrasion. The reduction in abrasion means that the playing surfaces will not be "sticky". A surface having these features is more comfortable and less tiresome than other acrylics to play on. Injuries such as shin-splints and "monkey muscle" problems are lessened and tennis balls and shoes last longer.

DILUTION	Minimum of 15-Gal water up to 21-Gal water to 30-Gal of Combination coating
COLORS	Blue, Burgundy, Classic Green, Grass Green, Grey, Novagreen, Red, Sand Dune, Stadium Blue, Terra Cotta
TYPICAL APPLICATION	2 or 3 coats Combination surface
RECOATING	2 Coats Combination surface
NEW WORK	(optional) 1 coat Novasurface acrylic resurfacer 2 or 3 coats Combination surface
SPREADING RATE	0.047 - 0.056 gallons per sq. yd., per coat 160 - 190 sq. ft. per gallon, per coat 1 court (60' x 120') requires 80-100 gallons for two coats
PACKAGED QUANTITY	5 gallon pail, 30 gallon drum, 275 gallon tote

Minimum Application Temperature is 50°F and rising.
Application is with a neoprene rubber squeegee as described on page 7.
Novacrylic Combination Surface is not hazardous* and is free of lead, mercury, asbestos and formaldehyde.

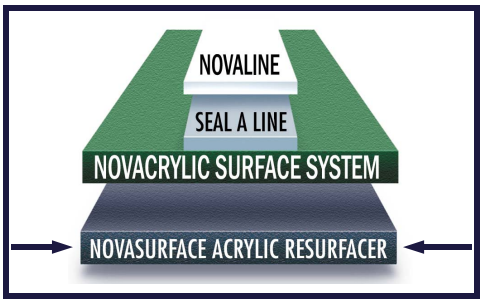
*** According to standards in place at the time this document was created, this product is rated non-hazardous**

ITF CLASSIFIED COURT PACE 3 MEDIUM

PROTECT FROM HEAT

DO NOT FREEZE

NOVASURFACE is 100% acrylic concentrate to be blended with sand and water at the jobsite. It is used as a resurfacer for pavement prior to the application of acrylic color surfacing systems. The sand filled mixture is squeegeed over the surface to fill voids and hide the profile of aggregates in the pavement. The use of Novasurface over an open or porous asphalt mix will seal the pavement, make it smoother and increase the yield of subsequent Novacrylic color materials.



Novasurface may be applied over uncoated concrete only after priming with CP-761 Concrete Primer.

Unlike asphalt emulsion resurfacers, Novasurface does not deteriorate with age. It is resistant to water and does not have to be rolled after application. Another advantage is the easy wash up and cleaning of tools with water.

DILUTION: Resurfacer	2 parts NOVASURFACE to 1 part water Add 10 - 15 lbs. sand (50-60 mesh) per gallon of NOVASURFACE
SPREADING RATE	0.06 - 0.10 gallons per sq. yd., per coat 90 - 150 sq. ft. per gallon, per coat
CRACK FILLER	Add sand to undiluted NOVASURFACE until consistency of putty
COLOR	Dark grey
PACKAGED QUANTITY	5 gallon pail, 30 gallon drum, 55 gallon drum
WEIGHT	9.5 lbs per gallon

Minimum Application Temperature is 50°F and rising.
Application is with a neoprene rubber squeegee as described on page 7.
NOVASURFACE is not hazardous* and is free of lead, mercury, asbestos and formaldehyde.

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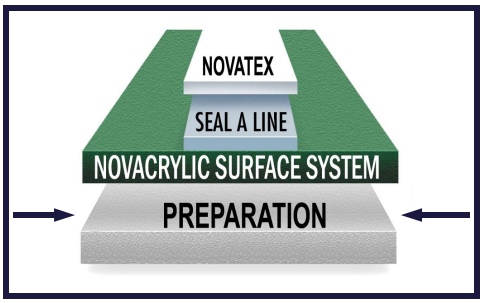
PROTECT FROM HEAT DO NOT FREEZE

NOVABOND

NOVABOND is an acrylic polymer emulsion developed for the purpose of improving the bonding of Novacrylic surface systems to uncoated concrete pavements. When used in a mixture of Portland cement, sand and water, and then applied to clean concrete in slurry form, Novabond casts a film of acrylic-concrete over the pavement. This acrylic-concrete coating has excellent adhesive characteristics to both concrete and acrylic coatings. While the Novabond slurry coat acts as a laminating agent, and bonds the entire surfacing system together, it also fills some voids, leaving a more uniform surface to apply the Novacrylic coating system.



Novabond can also be used as an additive to concrete mixes in place of some of the water. This addition of Novabond dramatically increases the strength and adhesion properties of the concrete, especially in patches and thin applications.

When used as the binder for a patch mix, Novabond will improve the performance of the repair.

DILUTION: **Slurry for concrete**	2.5 gallons NOVABOND, 200 lb sand (50-60 mesh) plus 5 gallons water. Above mix covers 1800 sq. ft. plus 1/94 lb. Bag Portland cement
DILUTION: **Concrete Patch**	Dilute equal parts of Novabond and water. Use diluted NOVABOND in place of water in prepared concrete patch mix (example "Sakrete") or in 1-part Portland cement to 2 or 3 parts sand, add liquid until desired consistency is obtained.
DILUTION: **Acrylic Patch mix for Asphalt Primer** **Equal parts Novabond and Water**	Dry mix 100 lb sand with 1.5 gallons (20 lb) Portland cement. Add undiluted NOVABOND to achieve the consistency desired. For deep patches, use course sand. Very deep patches, add some small stone. Prime area prior to patching.
COLOR	Milky white
PACKAGED QUANTITY	5 gallon pail, 30 gallon drum, 55 gallon drum
WEIGHT	8.7 lbs per gallon

Novabond concrete mixes must cure 24-hours before application of Novacrylic surface system.
DO NOT mix more than will be used in 30 minutes.
Minimum Application Temperature is 50°F and rising.
Novabond is not hazardous* and is free of lead, mercury, asbestos and formaldehyde.

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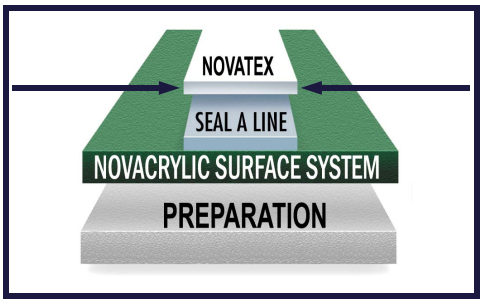
PROTECT FROM HEAT

DO NOT FREEZE

NOVATEX is our textured white line paint. The sharpest and most attractive lines result from the hand application of Novatex between two strips of masking tape. Novatex lines are brilliant, sharply defined and add a great deal to the overall appearance of the tennis court. The lines are “the frosting on the cake”.



An additional advantage of lines done with Novatex is shots landing on the Novatex line will not skid as they might on other line paints. Rather, they’ll have the same true bounce as those shots landing anywhere else on the Novacrylic surface.

We have formulated Novatex from the highest quality titanium white pigments designed for maximum durability and intensity. Enhanced with optical brighteners, Novatex provides maximum hiding, extreme whiteness, non-skid properties, and easy application with masking tape.

NOTE: Seal-A-Line before application of Novatex is recommended

DILUTION	Use NOVATEX undiluted
SPREADING RATE	1 gallon per court
COLOR	White. Colored NOVATEX available upon request
PACKAGED QUANTITY	1 gallon pail, 1 gallon squeeze bottle, 5 gallon pail, 30 gallon container
WEIGHT	12 lbs per gallon
Minimum Application Temperature is 50°F and rising. Application is with a brush or roller. Novatex is not hazardous* and is free of lead, mercury, asbestos and formaldehyde.	

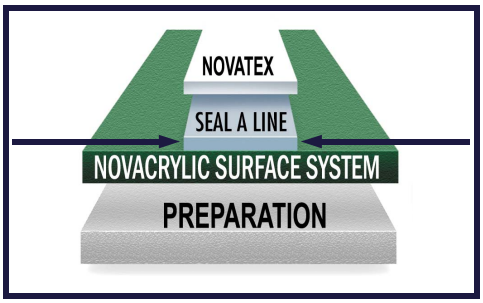
*** According to standards in place at the time this document was created, this product is rated non-hazardous**

PROTECT FROM HEAT DO NOT FREEZE

SEAL-A-LINE

SEAL-A-LINE is a special coating that seals the edge of masking tape on hand painted lines so that no line marking paint migrates under the edge of the masking tape. This creates lines so sharp that they look as if they were cut into the surface with a knife.

Seal-A-Line is applied as supplied using a paint brush or roller after masking tape is put down. The coat of Seal-A-Line dries quickly (10 minutes in good drying conditions). When dry, apply a coat of Novatex textured line paint. When masking tape is removed, the sharpest white line possible results.



DILUTION	Use SEAL-A-LINE undiluted
COLOR	White when liquid. Clear when dry.
PACKAGED QUANTITY	1 gallon pail, 1 gallon squeeze bottle, 5 Gallon pail
WEIGHT	10 lbs per gallon

Minimum Application Temperature is 50°F and rising.
Application is with a brush or roller.
Seal-A-Line is not hazardous* and is free of lead, mercury, asbestos and formaldehyde.

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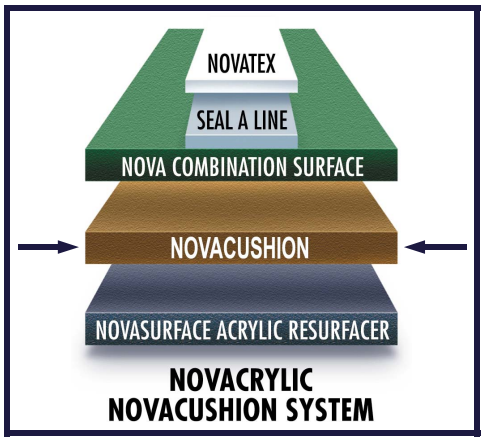
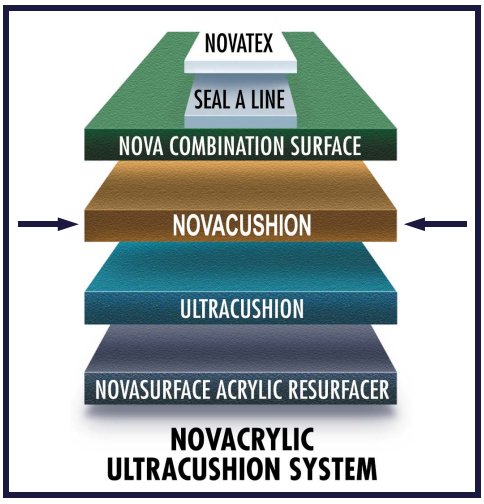
PROTECT FROM HEAT

DO NOT FREEZE

NOVACUSHION is 100% acrylic rubber filled coating. It is designed to be used with the Novacrylic tennis court system when extra resilience is desired. Novacushion is applied in multiple layers (the more layers, the greater shock absorbing quality). We recommend a minimum of 4 coats of NOVACUSHION. NOVACUSHION courts are not "soft", but do absorb some of the impact between the tennis shoe and the court surface. A soft surface would create a court that is very difficult to run on - similar to the extra energy required when running on a soft sandy beach.





After the application of NOVACUSHION is completed, 2 coats of COMBINATION SURFACE should be applied. This results in a uniform texture and appearance.

The NOVACUSHION system, like all of the Novacrylic tennis court systems, is colored all the way through from the top to the substratum. In the event of damage, such as gouges from racquets, vandalism, court equipment, etc., the damaged area will be the same color as the rest of the court.

NOVACUSHION is supplied as a concentrate and must be diluted prior to use.

DILUTION	2 parts NOVACUSHION to 1 part water
SPREADING RATE	0.05 - 0.0747 gallons per sq. yd., per coat 120 - 180 sq. ft. per gallon, per coat
TYPICAL APPLICATION	Minimum of 4 coats NOVACUSHION 2 coats COMBINATION SURFACE
PACKAGED QUANTITY	5 gallon pail, 30 gallon drum
WEIGHT	10.7 lbs per gallon

Minimum Application Temperature is 50°F and rising.
Application is with a neoprene rubber squeegee as described on page 7.
Novacushion is not hazardous* and is free of lead, mercury, asbestos and formaldehyde.

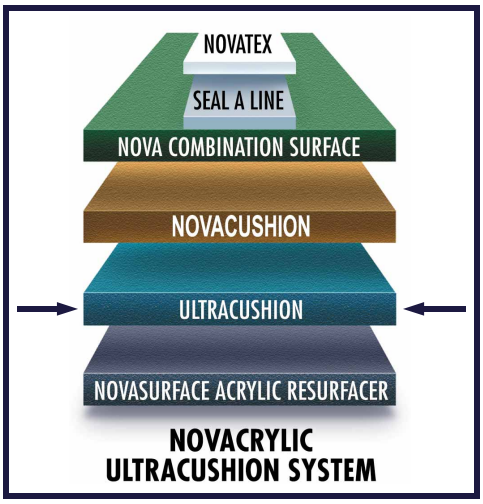
*** According to standards in place at the time this document was created, this product is rated non-hazardous**

ITF CLASSIFIED 2 COURT SPEED: MEDIUM

PROTECT FROM HEAT

DO NOT FREEZE

ULTRACUSHION is Nova Sports' superior tennis court surface system. The shock absorbing qualities are achieved by applications of a base consisting of multiple coats of ULTRACUSHION with a special squeegee. ULTRACUSHION is a mixture of various sizes of EDPM rubber granules bound with an especially elastic acrylic blend. This application cures as a rubber filled acrylic base mat that builds thickness of the cushion surface. Two or three coats of COMBINATION SURFACE are applied over the cushion surface. This color application will create a uniform texture and attractive color finish without decreasing the comfort of the entire system. ULTRACUSHION tennis courts are easy on tennis players. The surface has the ability to absorb the shock of impact and will return the energy absorbed by the tennis ball. Players have reported that they are less fatigued after playing on ULTRACUSHION.



ULTRACUSHION is recommended for both outdoor and indoor courts. The Wearing surface is the same non-fading, high performance coating as all the other NOVACRYLIC tennis court surfacing systems.

Older players will appreciate the comfort of this surface. Shin splint injuries are reduced by the shock absorbing qualities and it provides sure footing, yet is not "sticky" and will not grab the tennis shoe. We are able to provide a lot of texture without being abrasive. Tennis balls and shoes will last longer on ULTRACUSHION than on other all-weather surfaces.

DILUTION	2 parts ULTRACUSHION to 1 part water
SPREADING RATE	0.075 - 0.1125 gallons per sq. yd., per coat 80 - 120 sq. ft. per gallon, per coat
TYPICAL APPLICATION	Minimum 2 coats ULTRACUSHION, Minimum of 3 coats NOVACUSHION, 2 coats COMBINATION SURFACE
PACKAGED QUANTITY	5 gallon pail, 30 Gallon Drum
WEIGHT	10.6 lbs per gallon

Minimum Application Temperature is 50°F and rising.
Application is with either Model #2025 grooved ASG neoprene rubber squeegee or with approved cushion spray pump.
Ultracushion is not hazardous* and is free of lead, mercury, asbestos and formaldehyde.

*** According to standards in place at the time this document was created, this product is rated non-hazardous**

ITF CLASSIFIED 2 COURT SPEED: MEDIUM

PROTECT FROM HEAT

DO NOT FREEZE

NOVA SPORTS U·S·A

NOVACRYLIC
SPORT SURFACES

Novasurface® Rust Inhibitor uses two advanced performance chemicals for optimal rust inhibition. These additives are designed to encapsulate the pyrite along with neutralizing the oxidation process. Water based coatings are corrosive to iron unless they are properly formulated with a corrosion inhibitor.

Product Features

Liquid Corrosion Inhibitor:

- **Encapsulates Pyrite**

Product contains both organic and inorganic anticorrosive chemicals dispersed in the liquid acrylic to ensure uniform distribution throughout the film.

- **Prevents Flash Rusting**

(Flash rusting occurs when water based coatings are applied onto substrates containing ferrous metals. Water soluble corrosion products migrate into the film and become visible as rust colored spots.)

Liquid additive in white acrylic emulsion placed in humidity cabinet for 24 hrs.

The rust areas are single coated Without liquid anti-corrosive additive.

NOVACRYLIC

SPORT SURFACES

Multi-Functional Pigment (Stainblocker/Corrosion Inhibitor):

(Many metals, particulary iron undergo corrosion when exposed to air and water.

- **Metal Stabilization**

Additive reacts with coating to alter the pH. Corrosion is least likely to occur at pH levels between 10-11. This product brings water based paints to pH levels of 10.0-10.30 thereby functioning as a stabilizer.

- **Corrosion Inhibition**

Product releases soluble ions (barium and borate) when exposed to moisture deposit on the metal substrate reducing the reactivity.

Additional Product Features

- **Tanin Stain Blocking**
- **Ultraviolet Light Stabilization**
- **Mold Inhibtion**
- **Package Corrosion Resistance**
- **Flame Retardancy**