



ENGINEERED FOR SPORT

ProXtreme

INSTALLATION INSTRUCTIONS

General

1. Verify weather conditions. Surface is not to be laid when rain is eminent. Surface must be seamed and sealed prior to rain.
2. Check surface area to determine planarity. All areas out of tolerance must be patched. Xtreme is a lightweight overlay for structurally sound courts with good planarity.
3. Ensure site drains well.

A. SURFACE PREPARATION

1. Stage materials delivered to site.
2. Patch and clean court(s) of all dirt, dust and foreign debris.
3. Fill all low areas on court(s) which hold water deeper than the depth of a nickel.
4. Fill all cracks 1" wide and less with latex concrete patch mix, cement and sand.
5. Fill all cracks wider than 1" with sand to bottom of pavement. Fill area with hydraulic cement mix to within 1/8th to 1/16th of an inch of top. Allow to cure and then top off flush with pavement with latex concrete patch mix. Sand smooth as necessary.

B. INSTALLATION - STAGE 1

1. Stage rolls of PX-Stratum (pad) on pavement. The grey foam is the bottom of the roll which is laid onto the pavement. Starting from center, square rolls and work out to the edges. Rolls should be laid in the same direction as the slope of the court.



ENGINEERED FOR SPORT

2807 Walker Road. Chattanooga TN. 37421. 800.835.0033 F: 423.499.8882
info@ngisports.com / www.ngisports.com

NOTE: Single Courts – lay rolls across court in a E→W direction. Juxtapose each subsequent roll (ie. roll 1 lain E→W, next adjoining roll is W→E direction, next adjoining roll is E→W direction, etc.). Be sure to match right and left sides of each roll. For Multiple Courts in a bank - run rolls in a N→S direction as above and align for a head seam at center court for the 60' runs.

2. Lay rolls out on court surface at a 90° angle to the net line, or parallel to the net line, and allow to relax.
3. Place a chalk line down the side of the court, 4" from inside of fence.
4. Unroll first roll. Chalk a straight line down the outside edge, 2" from edge (inside the salvage) and trim salvage from roll. Lay roll with the cut side on the chalk line at fence.
5. Mark edge of roll 5.5 inches from foam uncut edge. Overlap the next roll over the edge to this mark so that the foam edge is on the mark. Ensure the roll is straight and taut.
6. Lay out all rolls and overlap in this fashion

C. INSTALLATION - STAGE 2

1. Glue the far end, or 60' side, by applying a 1' x 12' strip of glue under the edge of the ProXtreme. Set the end close to the fence line (within 6") in glue. The ProXtreme should be set in the glue by either rolling and then compressing the glue with a nailed 10' x 1" X 4" on top of the ProXtreme.
2. Using a knee kicker, take out the slack on glued side while glue is setting up. This assists in ensuring the material is flat. Nail or screw a 10' - 2 X 4 across the end of the ProXtreme fabric adjacent to the glued edge.
3. If multiple courts are being finished, the center head seam should now be finished by seaming as outlined below;
4. Mix a 5:1 blend of ACR Binder and PolySeal. Apply blend to head seam with a 6" long knap roller over seams. While adhesive blend is wet roll the 12" TTrax Glass tape into the adhesive and press down into place with roller. Immediately roll fresh adhesive onto the tape and roll smooth and flat. Blended mixture should carry over the edges of the tape. Perform this process on all head seams
5. Moving over to the other side of the court, outside the fence set up a stationary object to attach a come-along at the center of the first roll to be set. The come-along may be attached to an object such as:

INSTALLATION INSTRUCTIONS, cont'd

- a. A piece of rebar driven into the ground about 5';
 - b. The trailer hitch of a truck;
 - c. 12' steel bar or pipe anchored to the fence.
 - d. A full 55 gallon steel drum.
- 6 Attach the tension bar (min 10' long) to the loose end of the ProXtreme fabric. The tension bar can be fabricated from wood or with metal so that the end can be fixed to a come-along.
 - 7 Attach the come-along to the Tension gage, stationary anchor and the tension bar and stretch ProXtreme surface until taut, resulting in roughly 240 lbs of tension. All slack should be pulled out of the roll.
 - 8 Once roll is tensioned but while still on tension (or taut), place weight on roll (crew members). Slowly release come-along 3 clicks at a time, until you can remove any distortion on the roll. Have the crew push a 1" x 4" x 10' board parallel to and inside, away from the come-along. Nail board into place.
 - 9 Release tension from the come-along.
 - 10 Apply 1408 adhesive under resulting flap, 1' wide strip across entire panel 6" inside the fence or perimeter. Push a board over the flap from the board to the perimeter to pressure the flap into the adhesive and remove any slack.
 - 11 Nail another board into place at the end of the glued flap. Remove the first board.
 - 12 Repeat steps 1-11 on each panel until all panels are stretched and nailed.
 - 13 Pop a chalk line on the perimeter of the panels to cut off the Shield 4" from fence line.

D. INSTALLATION-STAGE 3

- 1 Using circular saw and special blade (DEWALT 200X, 4", DRY/WET, DIAMOND BLADE), double cut seams in a straight line. Double Cutter may be used as well. Seams should loosely touch without being tight.
- 2 Clean dust from seams with a shop vac or vacuum.
- 3 Apply the 4" TTrax Seal tape on top of the seam, sticky side down, to attach seam together. Stretch and firmly press the tape on to the ProXtreme joint to activate the adhesive. Seal all joints in the ProXtreme panels
- 4 Using a drill mixer, blend 18 gals of ACR Flexible Binder with 126-160 lbs of clean fill sand (60 mesh, round) and 8 (eight) gallons of H₂O.
- 5 Apply one feather coat of sand filled ACR Binder over all of the seams.

2807 Walker Road. Chattanooga TN. 37421. 800.835.0033 F: 423.499.8882
info@ngisports.com / www.ngisports.com

INSTALLATION INSTRUCTIONS, cont'd

- 6 Mix a 5:1 blend of ACR Binder and PolySeal. Employ the wet on wet seam process. Apply this adhesive blend to the seam with a 6" long knap roller. While adhesive blend is wet roll the 12" TTrax Glass tape into the wet adhesive and press down into place with roller. Immediately pour or roll fresh adhesive onto the tape and roll smooth and flat. Blended mixture should carry over the edges of the tape. Perform this process on all seams.
- 7 For multiple court banks move the the perimeter of the court on the side of the panels. At the 30' mark between the net posts attach the come- along board and tension bar to slightly pull out any slack between the rolls. Nail aboard 6" in . Apply adhesive to the edge only at the 30' point approximately 2' long. Nail another board onto the glued edge. Continue onto the other side of the net post and then to other side of the courts until all 4 sections are set.
- 8 Using the same wet on wet application method as above, apply adhesive and TTrax Edge tape on outside trimmed edges of surface, 3" on the surface and 3" on the pavement edge. Do not puddle adhesive at edge. Allow to dry.
- 9 Prime entire surface with a fully mixed application of 1 part water and 1 part PolySeal (1:1). Application of approx .025 gal per sq yd by spray, squeegee or brush. Make sure the material is not puddled. Allow to cure (approx. 24 hours).
- 10 NOTE: High humidity may extend period for primer to cure. Generally a 24 hour cure time is recommended.
- 11 NOTE: From time to time a small area of delamination (undetected during the manufacturing process) may occur . To remedy on site, measure the area and cut a piece for replacement from any scraps. Lay the replacement piece over the repair area and trace cut out the affected area. Drop the repair piece (should fit tightly into the opening) into the area and top seam as noted previously above.

E. INSTALLATION – STAGE 4

1. Using a drill mixer, blend 18 gals of ACR Flexible Binder with 126-160 lbs of clean fill sand (60 mesh, round) and 8 (eight) gallons of H₂O. Allow to dry.
2. Squeegee coat all seams with ACR Flexible Binder mixed with sand. Do in multiple applications to feather and blend the seams.
- 3 Apply one coat of ACR Binder to entire surface as necessary to achieve even texture.
4. Using a mechanical floor sander lightly buff the seams so they are even with surrounding surface area.

INSTALLATION INSTRUCTIONS, cont'd

5. Apply second coat of PB-ACR Binder to entire surface as necessary to achieve even texture and finish with approved color surface system

F. INSTALLATION - STAGE 5

1. Using a drill mixer, blend 18 gals of APPROVED Flexible Color with 108-140 lbs of clean fill sand (60 mesh, round) and 8 (eight) gallons of H₂O. Allow to dry Apply two - three coats of APPROVED flexible color system as per mfg recommendations.
2. Tape and stripe court for play

CAUTION(S):

DO NOT allow water infiltration into system prior to applying ACR Binder.

DO NOT apply if rain is imminent or will occur before surface can be coated!

DO NOT install in temperatures under 50° Farenheit.

DO USE only APPROVED flexible ACR Binder & flexible color materials.

NGI Sports will not warranty any ProXtreme which is finished with paints and coatings which are not flexible and pre-approved.

THANK YOU FOR CHOOSING PRO-XTREME !!



ENGINEERED FOR SPORT

2807 Walker Road. Chattanooga TN. 37421. 800.835.0033 F: 423.499.8882

info@ngisports.com / www.ngisports.com