



## Pool & Spa Tile Installation Tips

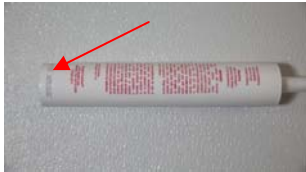
Carefully plan and dry-fit your work prior to starting, making sure to orient patterned tiles properly.

Have appropriate tools and supplies ready such as the following:



- Caulking Gun
- Novagard Adhesive
- Novagard Grout
- Grout Scrubbers
- Smooth finishing sponges
- Utility Knife
- Paper Towels
- Liquid dish soap
- Small bowl or pail
- Masking tape
- Measuring and marking tools
- Solvent (xylene or mineral spirits)
- Safety glasses and gloves

1. Check printing at base of cartridge to confirm products are within the 1 year shelf-life and the desired color:



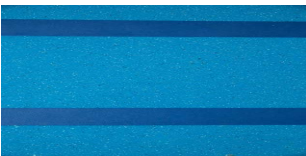
How to interpret Novagard Solutions™ Lot Numbers:

**LOT # 1041942**

The 1 <sup>st</sup> Digit	(1)	Year
The 2 <sup>nd</sup> and 3 <sup>rd</sup> Digits	(04)	Month
The 4 <sup>th</sup> and 5 <sup>th</sup> Digits	(19)	Day of Month
The 6 <sup>th</sup> and 7 <sup>th</sup> Digits	(42)	Batch Sequence Number

So in this example the Date of Manufacture was April 19, 2011

2. Proper surface preparation is always essential – prepare clean and dry surfaces in the same manner you would do if painting them.



- It may be beneficial to mask the surface near upper and lower edges of the area planning to be tiled.
- Although Novagard adhesive can be applied in temperatures from 0°F-120°F if necessary, these products cure by reacting with moisture from the air, so it is important to note that the working times and cure times can vary greatly depending on temperature and humidity conditions.

3. Apply Novagard adhesive uniformly to a 1'-3' length of tiles or the pool surface, ensuring complete and uniform coverage, preferably with a notched plastic trowel (be careful not to scratch gelcoat surface) or other means such as a flooring adhesive spreader.



4. The adhesive cures quickly, so work with small runs so tiles can be placed within 2-3 minutes, to ensure the adhesive does not skin over before placement. Remove any excess squeeze-out from between and around tiles, and wipe off any adhesive from tile surface before it cures using paper towels and solvent.



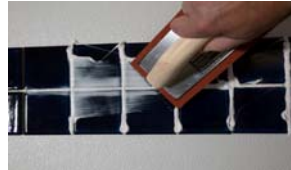
5. The adhesive is formulated to help reduce tile slippage, but taping or using a temporary “ledge” may be useful to prevent heavier tiles on a vertical from slipping off line during cure.



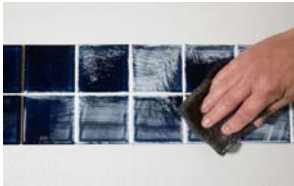
6. Allow at least 30 minutes or more for adhesive to cure enough that tiles are firmly in place.



7. Again working in short runs (that can be finished within 10-15 minutes), apply Novagard silicone grout to the grout lines and use a smooth rubber float to press the grout completely into the tile joints.



8. Then quickly begin smoothing and cleaning off excess grout using non-woven scrub pads and/or sponges saturated with liquid dish soap. Be careful not get the soap on the tiles ahead that have not yet been grouted.



9. Continue smoothing the grout lines and **COMPLETELY** cleaning off all excess grout and haze from the tile surfaces, as it is extremely difficult to remove after the silicone grout cures. Rinse soapy residue. A final gentle wipe with paper towel and solvent may help.



10. Allow 24-78 hours before placing into service. Working times and cure times are very dependent on humidity and temperature.

Refer to [www.novagard.com](http://www.novagard.com) for further product information