

CAROLINA **Bomanite**[®] CORPORATION

This information is intended for the sole use of our clients and is intended to be a general guideline. As with any specialized installation, please consult your Architect or Contractor for more information. Questions? contact John Fletcher, Marketing Coordinator at 704-309-0457

PATENE ARTECTURA® “chemical stain” GUIDELINES

Thank you for choosing one of the most unique concrete applications available today. This process will leave you with a “one-of-a-kind” floor that will endure for the ages if properly maintained. Please read the following guidelines carefully, and share this information with the Contractor’s responsible for the preparation, finishing or access to the floor to be treated.

SLAB PREPERATION (NEW)

If you are pouring a new slab – please schedule a pre-construction meeting with all of the sub-contractors who will be working either in the prep, pouring, finishing and curing phase of the slab. It is also critical to meet with the framing contractor as well.

The reason for these meetings will be to establish some criteria that will enhance and or make your project a success.

- All slab sites should have proper vapor barriers installed.
- All concrete mixes should be approved for the use of *Patene Arectura®*
- Pour “sample” pads using same mix in order to allow for future stain sampling.

SLAB FINISHING

Before choosing a concrete finisher, ask to see several examples of their work. Is the surface smooth, free of dirt, footprints and “trowel chatter”, if you don’t like what you see – you will not like your floor when it is stained. You are looking for a finish that has “character”; soft non-repeating swirls and trowel burnish that looks natural and handcrafted.

- A “brown-trowel” finish is what you want for the finished surface.
- Hand or machine finishing is fine as long as the “look” is achieved.
- Make sure there are no footprints left in the slab.
- Finish all the way to the edge to eliminate rough spots.

SLAB CURING

Never apply curing compounds or sealing membranes to a slab that you plan to stain. Water curing is an acceptable alternative method. Make sure the curing blanket does not leave permanent marks or stains on the finished surface.

SLAB CUTTING – CONTROL JOINTING

This is one the most critical areas of producing a quality stained floor. Before the slab is poured, a control joint schedule should be formulated in order to –

- Protect the structural integrity of the slab (ASTM) standards.
- Visually stimulate or blend with the “pattern” of the finished floor.
- Not distract from the overall scheme of coloration, saw-cutting and floor-planning.

SLAB PROTECTION

The single most important aspect of the entire staining process will be the protection of the floor slab prior to performing the application and subsequent sealing. The following list should be distributed to all Contractors who will be working on or near the floor slab.

THESE MATERIALS ARE NOT TO BE ON THE FLOOR SLAB.

- Curing compounds or sealing membranes.
- Red or blue chalk-line chalk. (Pink or Orange only)
- Construction adhesive, PVC glue or cleaner, plumber's solder and cutting oil.
- Permanent markers, pens, spray paint, wax crayon, lumber pens or paint.
- PAINT, PAINT, PAINT AND PAINT.
- Any equipment that uses oil or grease should be used only with proper protection.
- Any cola products or highly acidic compounds.
- Any equipment with metal or sharp legs or standards (scratching).
- Never lay or store construction material directly on a new floor slab.
- Maintain floor protection material and enforce use throughout the construction process.

STAINING PROCESS (new construction)

Once framing begins, contact us to schedule your installation schedule. The staining process should occur after your sheetrock installation but before trim and moldings. The installation will generally take 3-4 days for most installations. It will be required that no other subs be allowed in the building during this process. After the installation is complete and the floor is sealed, it will be required to protect the finished floor slab with the appropriate material. You should allow for a final clean and polish 1-2 days prior to moving in. This will take care of most small blemishes that will occur during the trim and finish process.



Carolina Bomanite Corporation is a highly skilled, specialty concrete contractor. John Fletcher has extensive experience working with residential and commercial decorative concrete flooring. If you are considering staining as an option, contact me as soon as possible in the construction process. Since 1974, we have been installing decorative concrete flooring and paving in the Carolina's. Having earned several awards from the Bomanite International Society in the areas of residential and commercial Patene Arctectura and residential and commercial Bomacron and Bomanite imprinted concrete. Visit our Charlotte showroom or view us on the web at www.carolinabomanite.com where you can see several projects such as this award-winning floor pictured.

Project: Brind'Amour Residence
Designer: Design Lines, Judy Pickett, ASID - Raleigh, NC
Builder: Stephen Dilger, Inc. Stephen Dilger - Raleigh,