

SaniGLAZE® Process Specification Guide



SaniGLAZE® Restorative Bonding for Tile and Grout

The aesthetic appeal and performance of clean and attractive tile and grout is important to property owners, facility managers and building patrons.

Unfortunately as dirt and soil are repeatedly ground into the pores of tile and grout surfaces the aesthetics are lost. Renewing the original look can be extremely difficult and sometimes impossible to accomplish.

In these situations, it seems the only way to get tile and grout to look as good as new is to rip everything out and replace it. This consumes a big chunk of the renovation budget, creates a project scheduling challenge and adds unnecessary debris to landfills.

There is a better solution...

Specify a SaniGLAZE restorative bonding process instead. SaniGLAZE processes are among the most versatile and effective methods available for the restoration, protection and preservation of tile and grout surfaces. And the smart alternative to replacement.

With the SaniGLAZE program, facility managers, architects, specifiers, designers and contractors may choose from a wide variety of tile and grout restoration options. Since

every tile and grout project is different, the SaniGLAZE program offers a variety of processes that can be specified for any application or situation involving tile and grout.

Because of its versatility, the SaniGLAZE program is a value-engineered solution that meets the aesthetic needs and budgetary limitations of any restoration project.

Whether it's keeping the original design quality of the tile and grout intact; maintaining a brighter, cleaner appearance; or achieving a completely new look by selecting one of the many color options – the SaniGLAZE program has a solution that works.

Since the inception of the SaniGLAZE program over 20 years ago, our cost effective processes have been specified for thousands of projects covering several million square feet of tile and grout.

This guide provides a brief summary of SaniGLAZE processes and recommendations for their application.

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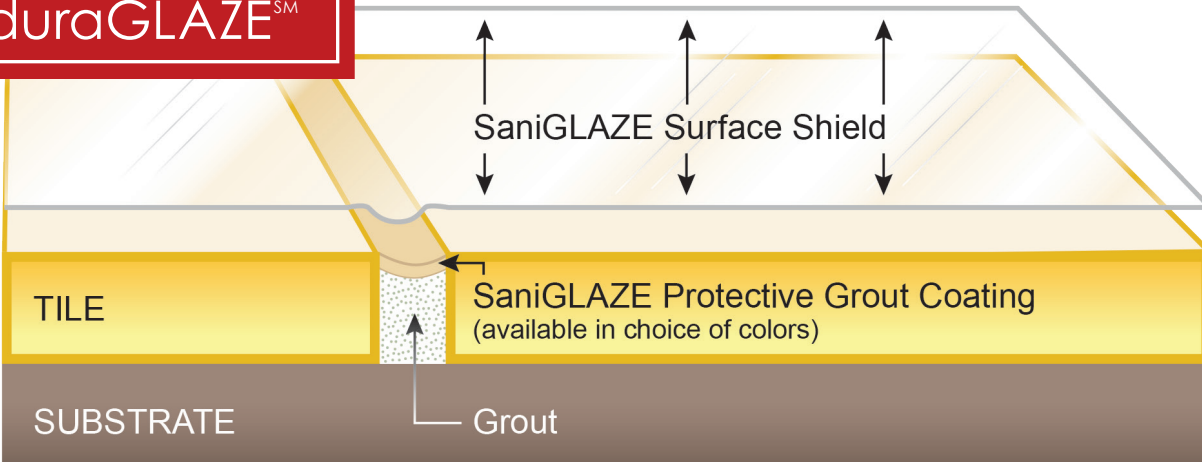
SaniGLAZE® OFFERS THE MOST OPTIONS AND FLEXIBILITY

Surface preparation is the foundation of all SaniGLAZE restorative bonding processes. Therefore, each SaniGLAZE process begins with a thorough emulsification and extraction of surface soils and embedded contaminants in addition to the removal of any previously applied seals or finishes. Surface prep is performed through a combination of mechanical and chemical steps using SaniGLAZE proprietary pre-prep and prep products. All SaniGLAZE products, whether pre-prep, prep, or coating products, are exclusively formulated and optimized for grout joints and/or tile surfaces.

SaniGLAZE® PROCESSES AT-A-GLANCE

PROCESS	Extraction of Soil & Contaminants	Coatings For Entire Tile & Grout Surface	Coatings For Grout Joints
EnduraGLAZESM	✓	✓	✓
GroutGLAZESM	✓		✓
SurfaceGLAZESM	✓	✓	
ChromaGLAZESM	✓	✓	
ChromaGLAZE+SM	✓	✓	
VariGLAZESM	✓	✓	
XcelKLEENSM	✓		

EnduraGLAZESM



Process Description: EnduraGLAZESM is a restorative bonding process utilizing two groups of coatings – one to overlay the grout and another to shield the entire surface. This process will restore the natural color and original luster of the tile in most cases. The grout joints will be restored to like-new condition; the color of the grout can be changed if desired. EnduraGLAZESM provides an exceptionally high level of appearance and protection.

Process Steps

Step 1: Clean and prep entire surface using SaniGLAZE's XcelKLEENSM process to remove contaminants and to prepare tile and grout for application of SaniGLAZE[®] coatings.

Step 2: Install appropriate SaniGLAZE[®] protective coating over existing grout.

Step 3: Install appropriate SaniGLAZE[®] protective shield for entire surface.

Primary Products Used

The coatings specified for the EnduraGLAZESM Process depend on several factors. Your SaniGLAZE[®] service professional can advise you on which coatings are best. There are two groups of coatings:

Grout Coatings Group:

- **SaniKOTE[®]:** Opaque armor-like coating available in a wide variety of colors. It is formulated to form-fill, making it ideal for sanded and/or wide grout joints 3/16" or greater in width.
- **High Build Glazing Compound[®]:** Opaque armor-like coating available in a wide variety of colors. Formulated to be more viscous, making it ideal for narrow and/or non-sanded grout joints that are 3/16" or less in width. Can be used to raise height of grout joints and to replace missing grout.

Surface Shield Group:

- **Super Shield[®]:** Durable, clear topical polymer coating suitable for a wide variety of tile types.
- **SaniTECH[®]:** Urethane based coating formulated for heavy use and high maintenance areas.
- **SaniMAX[®]:** Formulated from Xolite, a revolutionary polymer that is ultra-durable and very easy to clean.
- **SaniSEAL[®]:** An exceptional penetrating sealer (impregnator) used for quarry, brick paver and Saltillo tile; and situations where a topical coating is not recommended.

Benefits:

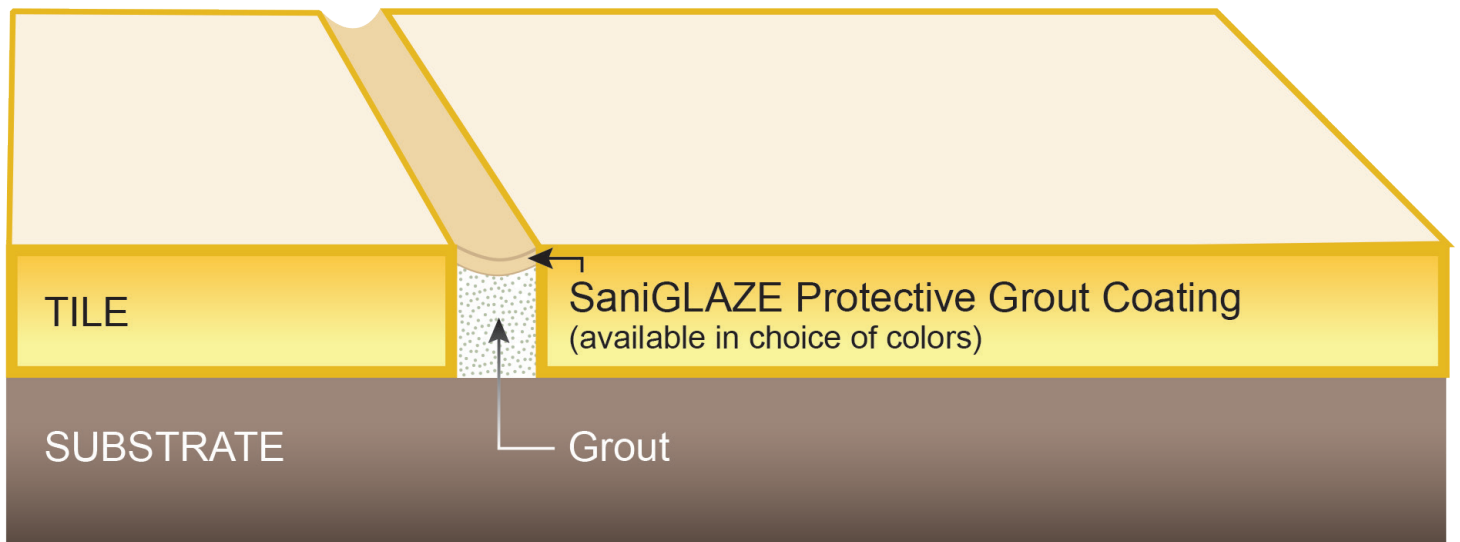
- Restores tile & grout to like-new
- Prevents soil and moisture penetration
- Eradicates foul odors
- Repels bacteria, mildew and mold
- Simplifies maintenance
- Eliminates expense of replacement

Where and When to Specify:

EnduraGLAZESM is typically specified for smaller tile sizes (1"x1" to 4"x4" tile). It is recommended for areas prone to spills, contaminants and odors such as: Restrooms, showers, locker rooms, high traffic areas and commercial kitchens.



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Process Description: GroutGLAZESM is a restorative bonding process for grout joints. A specialized protective coating is installed to overlay the existing grout. The grout joints will be restored to like-new condition; the color of the grout can be changed if desired.

Process Steps

Step 1: Clean and prep entire surface using SaniGLAZE's XcelKLEENSM process to remove contaminants and to prepare tile and grout for application of SaniGLAZE[®] coatings.

Step 2: Install appropriate SaniGLAZE[®] protective coating over existing grout.

The Primary Products Used

The coatings specified for the GroutGLAZESM Process depend on several factors. Your SaniGLAZE[®] service professional can advise you on which coating is best.

Grout Coatings Group:

- **SaniKOTE[®]:** Opaque armor-like coating available in a wide variety of colors. It is formulated to form-fill, making it ideal for sanded and/or wide grout joints 3/16" or greater in width.
- **High Build Glazing Compound[®]:** Opaque armor-like coating available in a wide variety of colors. Formulated to be more viscous, making it ideal for narrow and/or non-sanded grout joints that are 3/16" or less in width. Can be used to raise height of grout joints and to replace missing grout.

Benefits:

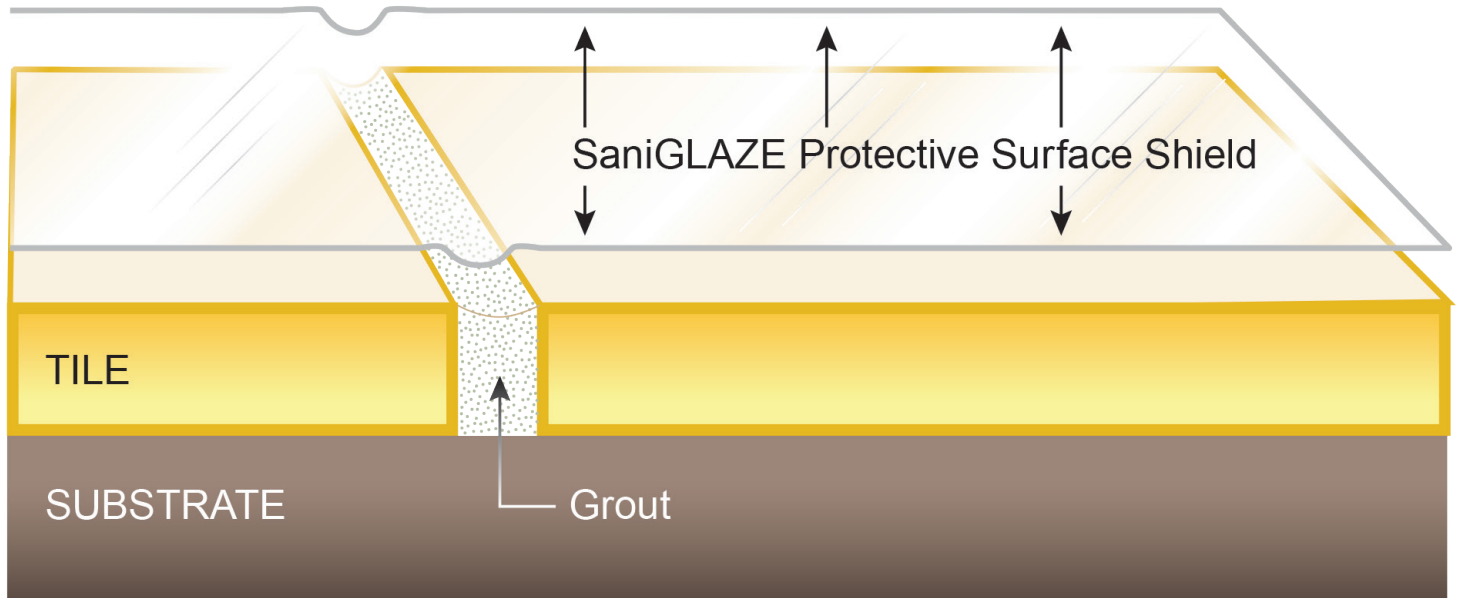
- Restores grout joints to like-new
- Protects grout from soil and moisture penetration
- Eradicates foul odors
- Repels bacteria, mildew and mold
- Simplifies maintenance

Where and When to Specify:

GroutGLAZESM is specified for large or small tile sizes. It is recommended where grout joints are in need of restoration, repair or a color change; and where coatings are not recommended for the tile and/or the tile only requires cleaning.



SurfaceGLAZESM



Process Description: SurfaceGLAZESM is a protective bonding process for tile surfaces. A specialized clear protective coating is installed to shield the entire surface. This process will restore the natural color and original luster of the tile in most cases. The grout joints will be cleaned and shielded by the same coating used on the entire surface area; they will remain their original color. SurfaceGLAZESM enhances appearance and provides a layer of protection.

Process Steps

Step 1: Clean and prep entire surface using SaniGLAZE's XcelKLEENSM process to remove contaminants and to prepare tile and grout for application of SaniGLAZE[®] coatings.

Step 2: Install appropriate SaniGLAZE[®] protective shield for entire surface.

The Primary Products Used

The coatings specified for the SurfaceGLAZESM Process depend on several factors. Your SaniGLAZE[®] service professional can advise you on which coating is best.

Surface Shield Group:

- **Super Shield[®]:** Durable, clear topical polymer coating suitable for a wide variety of tile types.
- **SaniTECH[®]:** Urethane based coating formulated for heavy use and high maintenance areas.
- **SaniMAX[®]:** Formulated from Xolite, a revolutionary polymer that is ultra-durable and very easy to clean.
- **SaniSEAL[®]:** An exceptional penetrating sealer (impregnator) used for quarry, brick paver and Saltillo tile; and situations where a topical coating is not recommended.

Benefits:

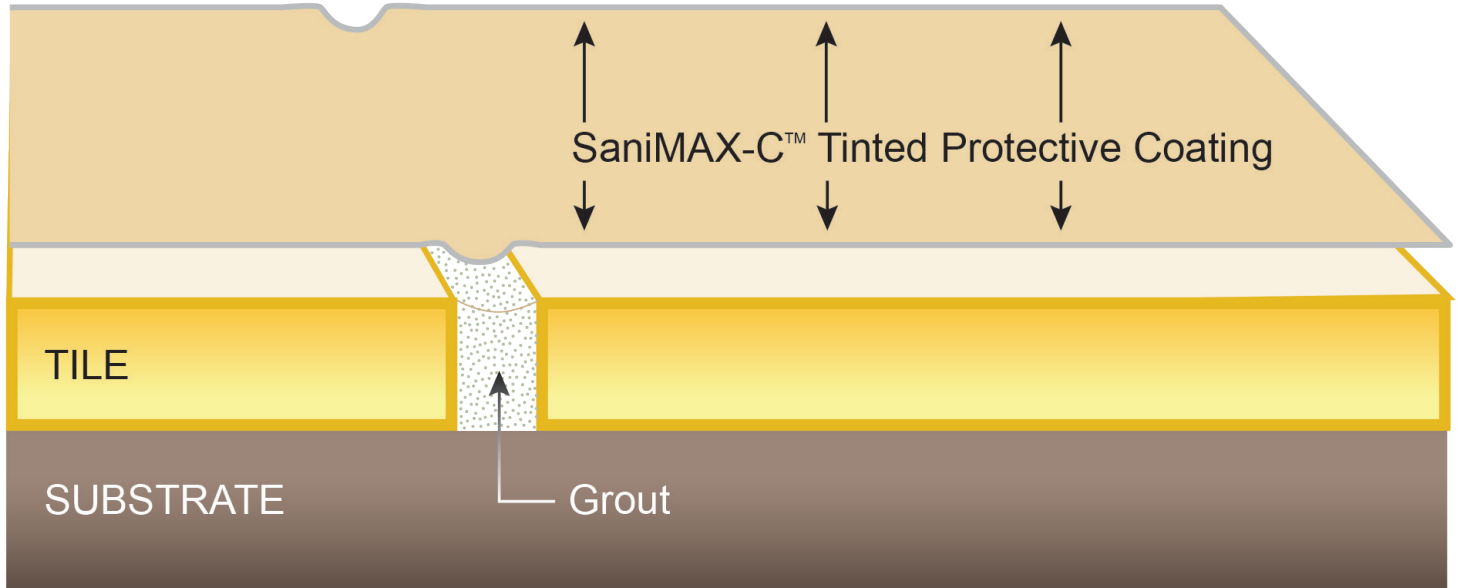
- Improves appearance of tile surface
- Protects against soil and moisture penetration
- Eradicates foul odors
- Repels bacteria, mildew and mold
- Simplifies maintenance

Where and When to Specify:

SurfaceGLAZESM is specified for large or small tile sizes. It is recommended for areas that do not require extensive restoration. And where the grout joints are in good condition and do not require a color change or restorative treatment other than cleaning.



ChromaGLAZESM



Process Description: ChromaGLAZESM is a restorative bonding process utilizing a very durable, pigmented coating to overlay the entire tile & grout surface. This process will change the color of both the tile and grout to create a neat, unified look. A special compound of micro-particles can be added to enhance appearance and improve the coefficient of friction. ChromaGLAZESM provides an exceptionally high level of appearance and protection.

Process Steps

Step 1: Clean and prep entire surface using SaniGLAZE's XcelKLEENSM process to remove contaminants and to prepare tile and grout for application of SaniGLAZE[®] coatings.

Step 2: Install SaniMAX-C[®] protective shield over the entire surface.

The Primary Products Used

Surface Shield Group:

- **SaniMAX-C[®]:** Extremely durable, pigmented topical coating based on the revolutionary new Xolite polymer that is suitable for a wide variety of tile & grout surfaces. Available in a variety of colors.
- **Textite[®]:** A compound of micro-particles that can be added to SaniMAX-C[®] to improve the coefficient of friction (COF) and improve appearance. Available in various particle sizes to create the desired COF.

Benefits

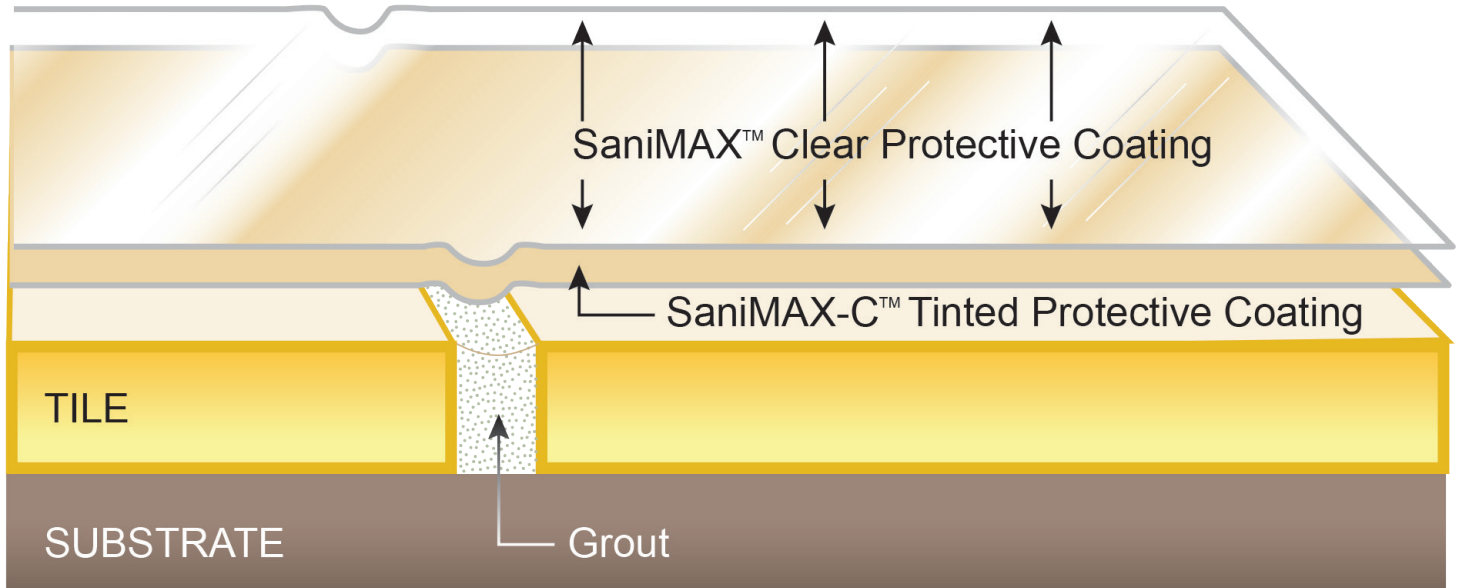
- Restores surface to a brand new appearance
- Prevents soil and moisture penetration
- Eradicates foul odors
- Repels bacteria, mildew and mold
- Simplifies maintenance
- Eliminates expense of replacement

Where and When to Specify:

ChromaGLAZESM is specified for all tile sizes. It is recommended for surfaces that need a color change; and for situations where a durable coating is required.



ChromaGLAZE+SM



Process Description: ChromaGLAZE+SM is a restorative bonding process utilizing two very durable coatings to overlay the entire surface. One is a pigmented coating available in a variety of colors; the other is a clear coating. This process will change the color of both the tile and grout to create a neat, unified look. A special compound of micro-particles can be added to enhance appearance and improve the coefficient of friction. ChromaGLAZE+SM provides an exceptionally high level of appearance and the ultimate in protection.

Process Steps

Step 1: Clean and prep entire surface using SaniGLAZE's XcelKLEENSM process to remove contaminants and to prepare tile and grout for application of SaniGLAZE[®] coatings.

Step 2: Install SaniMAX-C[®] protective shield over the entire surface.

Step 3: Install SaniMAX[®] protective shield over the entire surface.

The Primary Products Used

Surface Shield Group:

- **SaniMAX-C[®]:** Extremely durable, pigmented topical coating based on the revolutionary new Xolite polymer that is suitable for a wide variety of tile & grout surfaces. Available in a variety of colors.
- **SaniMAX[®]:** Extremely durable, clear topical coating based on the revolutionary new Xolite polymer that is suitable for a wide variety of tile & grout surfaces.
- **Textite[®]:** A compound of micro-particles that can be added to SaniMAX-C[®] or SaniMAX[®] to improve the coefficient of friction (COF) and improve appearance. Available in various particle sizes to create the desired COF.

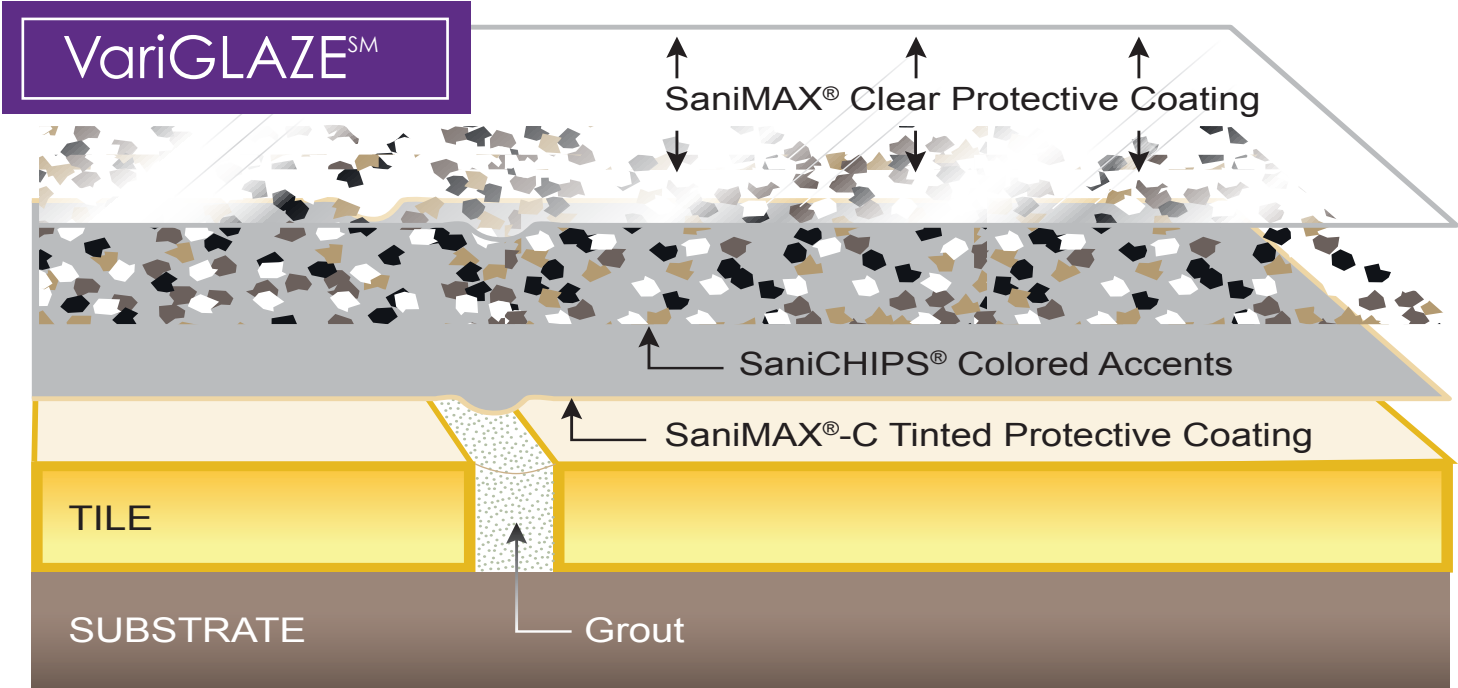
Benefits

- Restores surface to a brand new appearance
- Prevents soil and moisture penetration
- Eradicates foul odors
- Repels bacteria, mildew and mold
- Simplifies maintenance
- Eliminates expense of replacement

Where and When to Specify:

ChromaGLAZE+SM is specified for all tile sizes. It is recommended for surfaces that need a color change; and for situations where an extremely durable coating is required.





Process Description: VariGLAZESM is a restorative bonding process utilizing two very durable coatings plus decorative accent chips to overlay the entire surface. The base is a pigmented coating available in a variety of colors; the top coat is a clear coating. This process will change the color of both the tile and grout to create a neat, unified look. A special compound of micro-particles can be added to enhance appearance and improve the coefficient of friction. VariGLAZESM provides an exceptionally high level of appearance and the ultimate in protection.

Process Steps

Step 1: Clean and prep entire surface using SaniGLAZE's XcelKLEENSM process to remove contaminants and to prepare tile and grout for application of SaniGLAZE[®] coatings.

Step 2: Install SaniMAX-C[®] protective shield over the entire surface.

Step 3: Apply decorative SaniCHIPST[™] over the shield.

Step 4: Install SaniMAX[®] protective shield over the entire surface.

The Primary Products Used

Surface Shield Group:

- SaniMAX-C[®]: Extremely durable, pigmented topical coating based on the revolutionary new Xolite polymer that is suitable for a wide variety of tile & grout surfaces. Available in a variety of colors.
- SaniMax[®]: Extremely durable, clear topical coating based on the revolutionary Xolite polymer that is suitable for a wide variety of tile & grout surfaces.
- SaniCHIPST[™]: An array of accent flakes available in various color schemes that are comprised of water based resin materials and inorganic minerals. They are used to coordinate tile surfaces with any décor.
- Textite[®]: A compound of micro-particles that can be added to SaniMAX-C[®] or SaniMAX[®] to improve the coefficient of friction (COF) and improve appearance. Available in various particle sizes to create the desired COF.

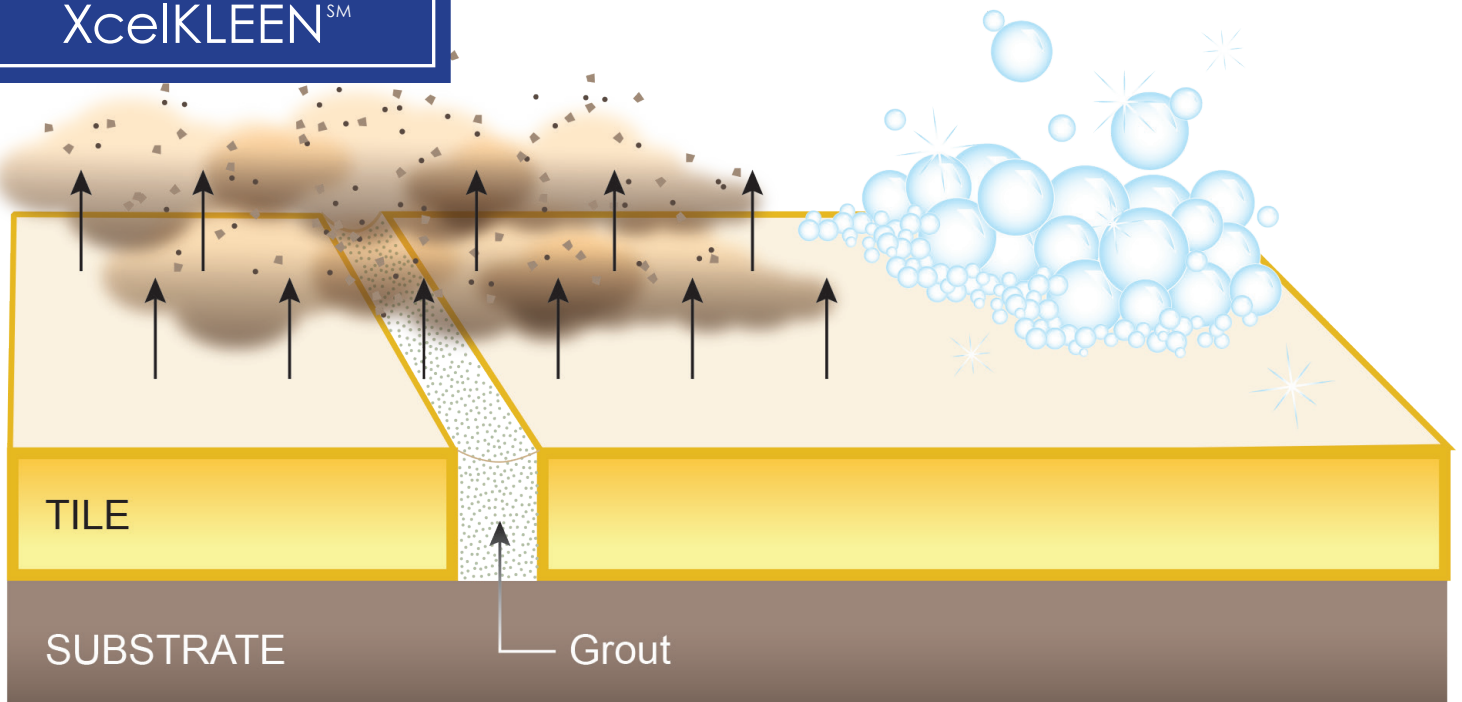
Benefits

- Restores surface to a brand new appearance
- Prevents soil and moisture penetration
- Eradicates foul odors
- Repels bacteria, mildew and mold
- Simplifies maintenance
- Eliminates expense of replacement

Where and When to Specify?
 VariGLAZESM is specified for all tile sizes. It is recommended for surfaces that need a color change; and for situations where an extremely durable coating is required.



XcelKLEENSM



Process Description: XcelKLEENSM is a process for cleaning and prepping tile and grout surfaces for the installation of SaniGLAZE's restorative and protective processes. A variety of chemicals formulated to safely emulsify and remove contaminants and existing coatings are used in this process. In some situations this process is used stand-alone. There are no protective coatings or shields used in this process.

Process Steps

Step 1: Emulsify contaminants and existing coatings or finishes.

Step 2: Extract emulsion

Step 3: Rinse and neutralize surface.

The Primary Products Used

- **Contaminant Remover®:** A stripper, cleaning chemical for lighter-duty situations.
- **Gel Contaminant Remover®:** A stripper, cleaning chemical for baseboards and walls.
- **Eradicate®:** A stripper, cleaning chemical for heavy-duty situations.
- **StripTASTIC®:** A stripper, cleaning chemical for extra heavy-duty situations.
- **Tile and Grout Prep®:** A specially formulated, non-fuming low pH gel chemical used to clean and prep grout.

Benefits:

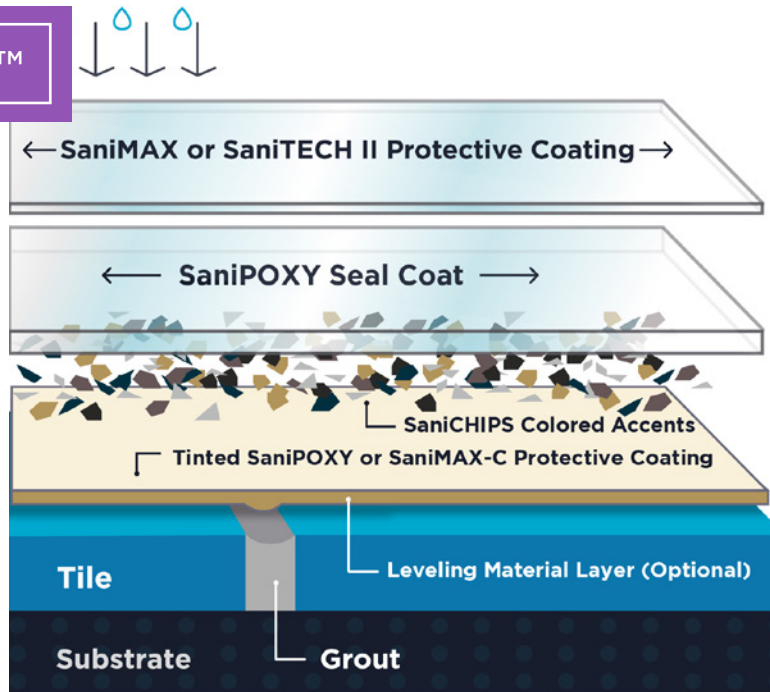
- Improves appearance
- Removes surface soil and most embedded contaminant
- Eradicates foul odors
- Provides better bonding for SaniGLAZE® coatings

Where and When to Specify:

XcelKLEENSM is specified for large or small tile sizes. It is used as the first step in all SaniGLAZE restorative and protective processes. It is used as a stand-alone process only when tile and grout joints are in good shape and do not require restoration or additional protection; and where coatings are not recommended for either the grout or the tile.



VariGLAZE MAX™



Process Description: VariGLAZE MAX™ is an advanced HIGH BUILD restorative bonding process utilizing three layers of very durable coatings, plus densely arranged decorative choice of accent chips or quartz, that overlays the entire surface. The base is a pigmented coating available in a choice of colors; the top coat is a clear coating. This process will change the color of both the tile and grout to create a neat, unified look utilizing a dense high build system. A special compound of micro-particles can be added to enhance appearance and improve the coefficient of friction. VariGLAZE MAX provides greater depth and a higher level of appearance than its predecessor, VariGLAZE, along with the ultimate in protection.

Process Steps

Step 1: Clean and prep entire surface using SaniGLAZE's XcelKLEEN™ process to remove contaminants and to prepare tile and grout for application of SaniGLAZE coatings.

Step 2: Install SaniPOXY® or SaniMAX protective shield colored with SaniTINT® over the entire surface.

Step 3: Apply decorative SaniCHIPS® or SaniQUARTZ® over the shield.

Step 4: Install SaniPOXY high build encapsulate over the entire surface.

Step 5: Install SaniTECH II or SaniMAX® protective shield and Textite® slip reducer over the SaniPOXY® encapsulate.

The Primary Products Used

Surface Shield Group:

- **SaniPOXY®:** Extremely durable, HIGH BUILD, pigmented and clear, topical coating that forms a base and also encapsulates the selection of decorative accent flakes or quartz.
- **SaniMAX® or SaniTECH II:** Extremely durable, clear topical coating based on the revolutionary Xolite® polymer that is suitable for a wide variety of tile & grout surfaces, concrete, and other hard surfaces.
- **SaniCHIPS® / SaniQUARTZ®:** An array of accent flakes and particles available in various sizes and color schemes that are comprised of water based resin materials and inorganic minerals. They are used to coordinate hard surfaces with any décor.
- **Textite®:** A compound of micro-particles that is added to the SaniMAX® topical coating to improve the coefficient of friction (COF) and improve appearance. Available in various particle sizes to create the desired COF under various conditions.

Benefits

- Restores surface to a brand new appearance
- Prevents soil and moisture penetration
- Eradicates foul odors
- Anti-microbial top coat controls bacteria, mildew and mold
- Simplifies maintenance
- Eliminates expense of replacement

Where and When to Specify?

VariGLAZE MAX™ is specified for all tile and hard floor surfaces. It is recommended for surfaces that need a color and décor change; and for situations where a high build exceptionally durable coating is required.



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