DESCRIPTION
BASF Metallic Surfacing Systems provide an economical alternative to achieve the appearance of architectural metal panels or metallic appearance to textured acrylic finish. Applied over BASF EIFS, stucco, cement-board stucco, surfacing systems; or as an interior veneer over wall board; to impart a distinctive, pearlescent appearance. Integrated system components include reinforced base coats treated with SKIM COAT to minimize planar variations, tinted primers, and 100% acrylic finishes and/or coatings that give an appearance very similar to metal panels. Final appearance depends on the system selected. The finishes and coatings are available in 15 standard colors and optional custom colors.

TECHNICAL INFORMATION
Consult our Technical Services Department for specific recommendations concerning all other applications. Consult the BASF Wall Systems website, www.wallsystems.basf.com, for additional information about products and systems and for updated literature.

MIXING AND APPLICATION INSTRUCTIONS TO REPLICATE APPEARANCE OF METAL PANEL
SKIM COAT
Mixing:
1. Open the pail and mix the contents of the SKIM COAT pail with a low speed drill and paddle mixer until thoroughly blended.
2. Scrape the sides of the pail down with a trowel and wipe the sides with a wet brush. This technique helps to eliminate lumps from falling into the product while using the product and while in storage. Close the container tight when not in use.
3. Clean tools with water immediately after use.

Application:
2. If applying this system over previously base coated material, ensure that the BASF BASE COAT application is extremely smooth, with no mesh pattern showing. This most likely will require a double coat of BASF BASE COAT. Correct any imperfections with BASF BASE COAT.
3. Use the SKIM COAT product directly from the pail. It is white in color, and is about the same consistency as drywall joint compound.
4. Apply a thin, tight application of SKIM COAT to the base coat as free of trowel lines as possible. Do not attempt to build up the product.
5. After the SKIM COAT has dried, sand off any trowel lines. Use 60 grit drywall sandpaper with a sanding block (hand sander). If working to aesthetic joints, sand any imperfections away from the edges.
6. The SKIM COAT can be sanded much easier before it completely cures. Feel the surface with a bare hand. If the surface feels cool to the touch, proceed with sanding. If it isn’t dry, it will ball up under the sand paper.
7. Remove all dust and reapply another application of SKIM COAT. Again, pay close attention to minimizing trowel marks.
8. Work on edges/corners. If the product starts getting stiff, spray the area with a mist of water. This allows you to better manipulate the SKIM COAT.
9. While sanding, some imperfections may become noticeable. Touch these areas up by skimming an additional application of SKIM COAT to the area. Allow to dry and sand it again. Multiple coats of SKIM COAT will be required to achieve a smooth surface.

NOTES
- Provide mock-up of field installed application to be approved by the owner or architect
- Avoid spray application in windy conditions
- Not for horizontal flat surfaces
Application of Metallic Surfacing Systems

METALLIC UNDERCOAT (OPTIONAL)

Mixing:
1. Mix the contents of the METALLIC UNDERCOAT pail with a low speed drill and paddle mixer until thoroughly blended.
2. Thinning is not required or recommended.
3. To create a smooth metallic appearance, it is recommended that you strain the METALLIC UNDERCOAT with a 5-gallon nylon paint strainer.
4. Additives are not permitted.
5. Close container when not in use.
6. Clean tools with soap and water immediately after use.

Application:
1. When SKIM COAT application is completed to satisfactory surface flatness, surface must be dust-free, clean, dry and free of contaminants.
2. Apply METALLIC UNDERCOAT using High Volume, Low Pressure (HVLP) spray equipment to SKIM COAT for optimal METALLIC COLOR COAT appearance and to minimize the need for additional coats of METALLIC COLOR COAT.

NOTE: The use of METALLIC UNDERCOAT will minimize the number of coats of METALLIC COLOR COAT needed.

METALLIC COLOR COAT

Mixing:
1. Mix the contents of the factory-prepared METALLIC COLOR COAT pail with a low speed drill and paddle mixer until thoroughly blended.
2. Thinning is not required or recommended.
3. To create a smooth metallic appearance, it is recommended that you strain the METALLIC COLOR COAT with a 5-gallon nylon paint strainer.
4. Additives are not permitted.
5. Close container when not in use.
6. Clean tools with soap and water immediately after use.

Application:
1. Apply the first coat of BASF METALLIC COLOR COAT. Note: See general information on spray equipment below.
2. The METALLIC COLOR COAT must be applied in multiple thin coat layers, always maintaining a wet edge. Multiple coats of METALLIC COLOR COAT will be required.
3. Repeat as necessary, using typical painting practices and protecting each coat from debris and precipitation while drying.

MIXING AND APPLICATION INSTRUCTIONS FOR USE OVER TEXTURED ACRYLIC FINISH

TINTED PRIMER (OPTIONAL)

Mixing:
1. Thoroughly mix the factory-prepared TINTED PRIMER to a uniform consistency.
2. A small amount of clean, potable water may be added to adjust workability.
3. Additives are not permitted.
4. Close container when not in use.
5. Clean tools with soap and water immediately after use.

Application:
1. Tint the TINTED PRIMER to match the color chosen for the METALLIC COLOR COAT.
2. Spray or roller apply the primer. For roller-application, use a 3/8 inch nap roller. Lay on the primer so there are no roller marks. For spray-application, use an airless sprayer with a minimum 521 reversible tip.
3. Allow the primer to dry.

METALLIC COLOR COAT

Mixing:
1. Mix the contents of the factory-prepared METALLIC COLOR COAT pail with a low speed drill and paddle mixer until thoroughly blended.
2. Thinning is not required or recommended.
3. Additives are not permitted.
4. Close container when not in use.
5. Clean tools with soap and water immediately after use.

Application:
After the optional TINTED PRIMER or finish coat has dried properly, spray apply the first coat of METALLIC COLOR COAT to the clean and dust-free surface.
Note: See general information on spray equipment below. Immediately back roll METALLIC COLOR COAT to ensure even distribution. The METALLIC COLOR COAT must be applied in multiple thin coat layers, always maintaining a wet edge and back roll material. Multiple sprayed coats of METALLIC COLOR COAT will be required.

-OR-
METALLIC COLOR COAT may be applied using a 3/8" nap roller. Allow to dry between coats. Repeat each step as necessary, using typical painting practices and protecting each coat from debris and precipitation while drying. Excessive film build may cause sagging or “curtains” in METALLIC COLOR COAT.

MIXING AND APPLICATION INSTRUCTIONS FOR METALLIC FINISH

TINTED PRIMER (OPTIONAL)
Mixing:
1. Thoroughly mix the factory-prepared TINTED PRIMER to a uniform consistency.
2. A small amount of clean, potable water may be added to adjust workability.
3. Additives are not permitted.
4. Close container when not in use.
5. Clean tools with soap and water immediately after use.

Application:
1. Tint the TINTED PRIMER to match the color chosen for the METALLIC FINISH.
2. Spray or roller apply TINTED PRIMER. For roller-application, use a 3/8 inch nap roller. Lay on TINTED PRIMER so there are no roller marks. For spray-application, use an airless sprayer with a minimum 521 reversible tip.
3. Allow TINTED PRIMER to dry.

METALLIC FINISH
Mixing:
1. Mix the contents of the factory-prepared METALLIC FINISH pail with a low speed drill and paddle mixer until thoroughly blended.
2. A small amount of clean, potable water may be added to adjust workability.
3. Additives are not permitted.
4. Close container when not in use.
5. Clean tools with soap and water immediately after use.

Application:
Apply METALLIC FINISH to the clean and dust free surface using a clean stainless steel trowel. Apply and level Finish during the same operation to minimum obtainable thickness consistent with uniform coverage. Maintain a wet edge on METALLIC FINISH by applying and texturing continually over the wall surface. Work METALLIC FINISH to corners, joints or other natural breaks and do not allow material to set up within an uninterrupted area. Protect from debris and precipitation while drying.

SPRAY INFORMATION

General Information for Spraying METALLIC COLOR COAT - Airless spray method:
1. Use a Graco-Ultra1500 Airless Sprayer or Titan 1140 (equal or larger).
2. 3000–3300 psi (210–228 bar) maximum working pressure.
3. Flow rate shall be a minimum of 1 gallon per minute.
4. Remove all fine filters & replace with 60 mesh filters minimum.
5. Utilize a minimum 3/8 inch material line with a short whip if necessary.
6. Adjust the spray pressure to provide adequate product atomization.

Utilize Heavy Duty Silver Plus-type Gun (or Equal):
1. This type of gun uses a stainless steel fluid tube.
2. Large fluid passages for high-viscosity materials.
3. No spring in fluid passage to clog with material.

Spray Tip Recommendation:
1. If using a reversible tip, use a minimum 17/1000 (0.017) tip.

General Information for Spraying METALLIC COLOR COAT - High Volume, Low Pressure (HVLP) spray method:
1. Use HVLP conversion gun and 2.5 gallon pressure pot.
2. Tip size shall be 1.8mm or 2.2mm.
Application of Metallic Surfacing Systems

Spray Application:
1. Mask off areas of joints to receive sealant.
2. When spraying the METALLIC COLOR COAT, it is important to hold the gun perpendicular to the wall, using constant movement across the surface.
3. During the spray application, the applicator must overlap each coat, maintaining a wet edge.
4. The key to the METALLIC COLOR COAT is to apply as many multiple coats of product (wet on wet) as possible without allowing the METALLIC COLOR COAT to sag.
5. Masking adjacent panels will be necessary in order to eliminate over-spray onto surrounding panels.
6. Protect all surfaces from over-spraying.
7. Remove the masking tape, while the METALLIC COLOR COAT is still wet, to semi-wet. Do not allow it to dry. If you allow the METALLIC COLOR COAT to dry, the product films over the tape, and this condition makes it very difficult to get a clean line and removal of the tape is more difficult.

LIMITATIONS
1. Protect BASF materials during transportation and installation to avoid physical damage.
2. Store BASF materials in a cool, dry place protected from freezing. Store at no less than 4°C (40°F). Protect from extreme heat and direct sunlight. Shelf life is two years when unopened and stored as directed.
3. Do not apply BASF materials in ambient temperature below 4°C (40°F). Provide supplementary heat during installation and drying period (at least 24 hours after installation and until dry) when temperatures less than 4°C (40°F) prevail.
4. Do not apply BASF materials to frozen surfaces.

WARRANTY
BASF warrants this product to be free from manufacturing defects and to meet the technical properties on the current Product Bulletin, if used as directed within shelf life. Satisfactory results depend not only on quality products but also upon many factors beyond our control. BASF MAKES NO OTHER WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO ITS PRODUCTS. The sole and exclusive remedy of Purchaser for any claim concerning this product, including but not limited to, claims alleging breach of warranty, negligence, strict liability or otherwise, is shipment to purchaser of product equal to the amount of product that fails to meet this warranty or refund of the original purchase price of product that fails to meet this warranty, at the sole option of BASF. In the absence of an extended warranty issued by BASF, any claims concerning this product must be received in writing within one (1) year from the date of shipment and any claims not presented within that period are waived by Purchaser. BASF WILL NOT BE RESPONSIBLE FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL (INCLUDING LOST PROFITS) OR PUNITIVE DAMAGES OF ANY KIND.

Purchaser must determine the suitability of the products for the intended use and assumes all risks and liabilities in connection therewith. This information and all further technical advice are based on BASF’s present knowledge and experience. However, BASF assumes no liability for providing such information and advice including the extent to which such information and advice may relate to existing third party intellectual property rights, especially patent rights, nor shall any legal relationship be created by or arise from the provision of such information and advice. BASF reserves the right to make any changes according to technological progress or further developments. The Purchaser of the Product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with a full application of the product(s). Performance of the product described herein should be verified by testing and carried out by qualified experts.