



TECHNICAL BULLETIN

Sika Facades Coatings Spray Equipment Recommendations

SikaWall® brand architectural coatings are capable of being applied by spray equipment. To capitalize on the advantages of utilizing spray equipment, it is essential that the proper selection of the equipment is made to produce the desired labor savings and aesthetic results. Many types, styles, and models of spray equipment are available in the industry today. Material characteristics and desired finish are the main criteria when selecting equipment. The equipment must be capable of transferring the material efficiently from a container to the substrate and properly atomize the material to produce the desired aesthetic results.

The information contained within this document is designed to give the coatings applicator a general listing of equipment that has been used successfully on past projects, and/or is generally recommended by the equipment manufacturer as acceptable. All attempts have been made to ensure the validity of the information contained within this document. Due to changes in equipment design and to the maintenance and wear involved with equipment, Sika does not warrant the information contained within this document. Proper equipment selection and success of the use of such equipment is the responsibility of the applicator. For any further equipment information please contact the equipment manufacture.

Please refer to the appropriate technical data guide for further information and application instructions.

SikaWall Color Advance Coating

A smooth 100% acrylic-based coating designed for spray, roller or brush application over any Sika Facades wall system with minimum change in finish texture or sheen.

Coverage Rate 750–1250 ft² / 5 gal

Typical Application: Airless Spray Equipment
 Pump Pressure: 2000
 Tip size: .021 or greater RAC5 Switch Tip

Gallons Per Minute: 1.25

Equipment Example: Graco® HydraMax™ 225, 300, 350

SikaWall Elastomeric Coating

A smooth 100% acrylic-based elastomeric coating that provides excellent flexibility and weatherability over concrete, stucco and unit masonry.

Coverage Rate +/- 250 ft² / 5 gal at 32 wet mils

Typical Application: Airless Spray Equipment
 Pump Pressure: 2000
 Tip size: .027–.039

Gallons Per Minute: 2.0 or Greater

Equipment Example: Graco® HydraMax™ 225, 300, 350

*Note – Applications tested with 100' – 3/8' hose

SikaWall Tersus Hydrophobic Coating

A water-based, 100% acrylic, smooth, easy-cleaning, waterproof coating. Hydrophobic properties of the coating repel water and dirt for a long lasting bond.

Coverage Rate 900–400 ft² / 5 gal at 5-8 wet mils

Typical Application:	Airless Spray Equipment
	Pump Pressure: 3200
	Tip size: .021–.025
Gallons Per Minute:	1.2
Equipment Example:	Graco® Ultra Max II 1095-Contractor Gun

SURFACE PREPARATION

- Substrates must be clean, dry, sound and free of loose material, releasing agents, efflorescence, and all bond inhibiting contaminants. Please Reference Technical Bulletin Procedure for Cleaning Finish & Removing Efflorescence in EIFS and Stucco for more information.
- If applying over a hydrophobic surface, ensure the hydrophobic properties are neutralized per the manufacturer's instructions prior to the application of a coating.
- Confirm adhesion of existing finishes and new coating to existing finish. Please reference Technical Bulletin Basics of Conducting Field Adhesion Tests for more information.
- Remove and repair loose, blistered or damaged areas.
- Protect areas that may be subject to overspray, or that do not require a coating.
- Inspect sealant joints and repair as needed to ensure the cladding is weather tight. Moisture infiltration may cause blistering or delamination of coating.

APPLICATION CONSIDERATIONS

1. Use only approved/specified materials of the proper color, which have been properly stored in accordance with the written specification.
2. Adhere to all substrate and temperature requirements for the specified product being applied. Should any questions arise, do not exceed the limitations outlined in the proper Sika product data sheet.

3. Mix each product thoroughly with a slow- speed drill (500 rpm or less) and mixing paddle to ensure uniform color and aggregate distribution and to minimize air entrapment.
4. A brush can be used for "cutting in" or tight spaces.
5. Always work to a natural break and maintain a wet edge during application.
6. On block and other porous substrates, the objective is to obtain a pinhole-free finish.

SPRAY APPLICATION

- Equipment is available for spraying all grades of Sika Facades' coatings. The smooth materials will pass through a large airless pump; however, the heavy bodied will require heavy- duty equipment designed for the application of these types of materials. Reference above tables for equipment recommendation, gun pressure and tip size based on selected coating.
- Backrolling after spray applications is required to achieve a uniform texture and film thickness.

CLEAN UP

Clean up should begin as soon as the work is complete. Warm soapy water works well with acrylic coatings.