

TECHNICAL BULLETIN

Acceptable Sealants for use with Sika EIFS and Stucco Systems

Guidelines on Sealant Compatibility

INTRODUCTION

The following sealants have been found to be compatible with SikaWall base coats and are acceptable for use on above grade application of Sika EIFS and Stucco Systems and all Sika Surfacing Systems:

- Sikasil® WS-290 or WS-290 FPS (Sikasil Primer-2100 required)
- Sikasil® WS-295 / WS-295 FPS (For perimeter seals around penetrations only. It is not intended to be used when sealing EIFS to EIFS).
- Sikaflex® 15 LM (Sikaflex Primer-429 required)
- Sikaflex® 2c NS EZ Mix / 2C EX Mix (For perimeter seals around penetrations only. It is not intended to be used when sealing EIFS to EIFS).

NOTE: SIKA SEALANTS MAY REQUIRE THE USE OF SIKAFLEX PRIMER-429 OR SIKASIL PRIMER-2100 BASED ON FIELD CONDITIONS AND FIELD BOND TESTING.

- Sikaflex® HY 150 & Sikaflex Primer-179
- Sikaflex® HY 100/ Sikaflex Primer-179
- Sikaflex® NP 2/ Sikaflex Primer-173 (for use with Stucco and CBS Systems only)
- Sikaflex® NP 1/ Sikaflex Primer-173 (for use with Stucco and CBS Systems only)

Note: GE sealants may require Primer SS4004P; please consult with GE for recommendations.

FIELD ADHESION TESTING

Sealant manufacturers recommend field adhesion tests be conducted to confirm adhesion under jobsite conditions for each different sealant and substrate combination in accordance with ASTM C1521. Adhesion tests should be performed for every 100 LF (30 LM) in the first 1,000 LF (305 LM) of joint. If no test failure is observed in the first 1,000 LF of joint, perform procedure every 1,000 LF thereafter or once per floor on each elevation. After any observation of test failure, the frequency of testing should be increased to every 500 LF (152 LM).

SEALANT NOTES

- Apply primer/sealant per manufacturer's instructions to dry SikaWall reinforced base coat or SikaWall Advance Color Coating that has been applied to dry SikaWall reinforced base coat. Do not apply sealant to SikaWall Finish.
- Sealant joint sizing, type, and configuration are the responsibility of the design professional.
- Sealants and bond breakers or backer rods (closed cell or soft non gassing backer rod; do not use open cell backer rod) shall be used and installed as per the sealant manufacturer's specifications and recommendations concerning application/ installation of all primary and/or secondary sealants as well as bond breakers and backer rods. Consult sealant manufacturer for recommendations regarding the application of sealant to plastic, metal or other specific conditions.
- Field test applications of sealants should be performed per sealant manufacturer's recommendations prior to start of project and on a regular basis during the project.

SEALANT REQUIREMENTS FOR USE WITH EIFS

If looking for information on a sealant not listed, consult the sealant manufacturer for their recommendation and approval.

- Sealant for expansion joints between EIFS to EIFS sections shall be ultra-low modulus designed for minimum 100% elongation and minimum 50% compression and as selected by project designer.
- Sealant for perimeter seals around window and door frames and other wall penetrations shall be low modulus, designed for minimum 50% elongation and minimum 25% compression, and as selected by project designer.
- Sealants shall conform to ASTM C920, Grade NS (non-sag).
- Tensile adhesion properties of sealants must be determined per ASTM C1382.

TECHNICAL SUPPORT

Consult Sika Facades Technical Services Department at **+1 (800-226-2424)** for specific recommendations concerning all other applications. Consult the Sika Facades website at usa.sika.com/eifs-stucco, for additional information about products and systems and for updated literature.

For the most current version of this literature, please visit our website at usa.sika.com/eifs-stucco.