

TECHNICAL BULLETIN

Acceptable Sealants for use with Senersshield-R/-RS/-VB

INTRODUCTION

There are numerous opportunities for wet sealant material to come into contact with Senersshield-R/-RS/-VB in order to make connections that provide air barrier and water-resistive barrier continuity. Please be advised that the following sealant/primer combinations meet the peel strength of >5 lbf and <25% adhesion bond loss as per ASTM C920 when tested per ASTM C794 Adhesion-in-Peel on Senersshield-R/-RS/-VB.

SENERSHIELD-R /-RS**Sikaflex NP 1****Sikaflex NP 1 & SikaFlex Primer - 176****Sikaflex NP 1 & SikaFlex Primer - 173****Sikaflex HY 150 & SikaFlex Primer - 179****Sikasil WS-290 or WS-290 FPS****Sikasil WS-295 or WS-295 FPS****Sikaflex 15 LM** (Sikaflex Primer-429 required)**Sikaflex 2c NS EZ Mix or 2C EX Mix** (Sikaflex Primer-429 required)

Note: Sika sealants may require the use of Sikaflex Primer-429 or Sikasil Primer-2100 based on field conditions and field bond testing.

Notes to Specifier

Applications with primer provided increased adhesion values in testing. Field tests should be employed if there are any questions of adhesion based on the specific project conditions. Consult the sealant manufacturer for recommendations and installation instructions for their materials.

The following sealant or sealant/primer combinations have acceptable adhesion to and are compatible with Senersshield-R/-RS/-VB.

SENERSHIELD-VB**Sikaflex NP 1****Sikaflex NP 1 & SikaFlex Primer - 176****Sikaflex NP 1 & SikaFlex Primer - 173****Sikaflex HY 150 & SikaFlex Primer - 179****Sikasil WS-290 or WS-290 FPS****Sikasil WS-295 or WS 295 FPS****SikaFlex 15 LM** (Sikaflex Primer-429 required)**Sikaflex 2c NS EZ Mix / 2C EX Mix** (Sikaflex Primer-429 required)

Note: Sika sealants may require the use of Sikaflex Primer-429 or Sikasil Primer-2100 based on field conditions and field bond testing.

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).

TECHNICAL SUPPORT

Consult Sika Facades Technical Services Department at +1 (800) 589-1336 for specific recommendations concerning all other applications. Consult the Sika Facades website at usa.sika.com/senergy, for additional information about products and systems and for updated literature.

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