



# ASTM C920 Sealants

The number of ASTM C920 compliant sealants on the market is increasing, and as new sealants find their way onto Nichiha projects, we are observing some do not provide the physical properties necessary for a quality installation and longevity of the product on the wall. Thus, the purpose of this Technical Bulletin is to define what is and what is not an acceptable sealant to be used with Nichiha products.

**All cut edges of Nichiha AWP MUST be coated per the installation guides prior to applying sealant.**

## Acceptable Materials

A Nichiha Technical Department acceptable sealant must meet ALL of the below criteria:

- Be ASTM C920 compliant; AND
- Have a Class of 35, 50 or 100/50 (min. 35% joint movement); AND
- Be a polyurethane, polyurethane hybrid, or Adfast Adseal 4580 product (see below); AND
- Provide 2-sided adhesion at the joint

### [Adfast Adseal 4580 Series - Doors and Windows, Siding-Construction](#)

Adfast Adseal 4580 product is an exterior silicone sealant that has been tested and approved for use with Nichiha products. No other silicone sealants should be used with Nichiha.

---

## Non-Acceptable Materials

- Silicone based sealants (even those which are ASTM C920 compliant) [Adfast Adseal 4580 Series is exempt]
  - They **do not bond well** to fiber cement
  - Violate 2-sided adhesion req.

## Non-Acceptable Products

- OSI ® Quad ®\*
  - This sealant has been found to not provide enough joint movement over time (C920 - Class 25)
  - Tends to 3-sided adhesion

\*(OSI ® Quad ® MAX is OK.)

