

DEC-TECHNICAL BULLETIN



Bulletin No: TB019 Version: v.01

Effective Date: 2021-07-13

Subject: **Solvent Based Adhesive (SBA) 100 R VS Solvent Based Adhesive (SBA) 200 VC**

- Product Pre-Installation Installation Repair Maintenance Other
 External Internal Use Internal Use Only

Target Audience: All

Reason for Bulletin: Dec-Tec provides two types of solvent based adhesive, **SBA 100 R** and **SBA 200 VC**. This bulletin is intended to describe the key differences between them.

Details:

Dec-Tec provides 2 distinct types of solvent-based adhesives, SBA 100 R and SBA 200 VC. The adhesion characteristics of both products are very similar, and both have amazing grab qualities. SBA products are designed to easily adhere to Dec-Tec's quality membranes, PVC accessories and metal surfaces. Contractors can use either of Dec-Tec's solvent-based adhesives on all horizontal and vertical wood surfaces.

Contractors can use SBA 200 VC in geographic areas where VC compliancy is mandatory or choose to use either of the adhesives on all horizontal and vertical wood surfaces where compliancy is not an issue.

There are 2 distinct differences between SBA 100 R and SBA 200 VC:

1. **Chemical Composition** (VOC Content)
2. **Drying Time** (Off gassing Time)

1. Chemical Composition (VOC Content)

The primary difference between SBA 100R and SBA 200 VC is the VOC (volatile organic compounds) content. Dec-Tec SBA 200 VC is specially formulated with EPA exempt solvents and has a VOC content of 0 g/L and is rated VC compliant.

There are certain regions and states in the USA that require the use of low VOC products. Dec-Tec offers SBA 200 VC adhesive to address this requirement.

VOC Content:

SBA 100R = 694.2 g/l

SBA 200VC = of 0 g/l



2. **Drying Time** (Off gassing Time)

Dec-Tec recommends allowing solvent-based adhesive that is applied onto the substrate to fully dry (off gas) and for the adhesive that is applied onto the back of the membrane to become tacky before mating the membrane onto the substrate.

Comparatively, SBA 100 R takes less time to off gas than SBA 200 VC due to the difference in the chemical composition of the two adhesives.

Considerations:

1. The drying (off gassing time) can vary depending on environmental conditions.
2. It is difficult to ensure an even and consistent application coat, contractors should always reference the area where the application coat is the thickest (wettest) to determine the degree of off gassing that has taken place.
3. Contractors should be aware of the tendency for SBA 200 VC to develop a skim coating on the surface as it dries which can give the false perception that the adhesive has dried or fully off gassed. Always take extra precaution to observe the application coat carefully and where the application coat is the thickest to determine the degree of off gassing that has taken place.

If you have any questions concerning this bulletin, please contact Dec-Tec, Technical Support at 1-866-461-3914.

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