

# Henry® Self-Adhered, Rubberized Asphaltic Membranes / Chemical Compatibility

Henry self-adhered, rubberized asphaltic membranes often come into contact with various other membranes, gaskets and sealants. The following information is intended as a guideline for chemical compatibility. Contact Henry Company for product specific evaluation.

## **Polyvinyl Chloride (PVC)**

Henry rubberized asphalt membranes should not be placed into contact with flexible Polyvinyl Chloride (PVC)-based membranes and gaskets. Plasticizers in flexible PVC are known to cause softening and liquification of rubberized asphalt membranes. A means of separating these chemically incompatible materials is recommended. Metal flashing components, mutually compatible sealants, or specialty tapes are often used as means of separating chemically incompatible materials.

## **Ethylene Propylene Diene Monomer (EPDM)**

Henry self-adhered rubberized asphalt membranes are not chemically compatible with EPDM. Henry self-adhered membranes should not be applied directly onto EPDM due to long term compatibility and adhesion concerns.

## **Uncured Neoprene**

Henry self-adhered rubberized asphalt membranes should not be applied directly onto uncured neoprene membranes.

## **Sealants**

Many sealants contain solvents and/or plasticizers that can soften the bitumen side of rubberized asphaltic membranes. Some types of sealants are susceptible to discoloration due to contact with asphaltic materials. Even silicone sealants, which can be nearly solvent free, can show discoloration over prolonged periods. Typically, sealant contact with the film side does not adversely affect the membrane. However, contact with bitumen edge can be cause for concern.

Some conditions to avoid:

- Installation of rubberized asphalt membranes over sealants (cured or uncured) that contain certain plasticizers including phthalates. This chemical incompatibility often causes rubberized asphalt to soften and liquify.
- Placing rubberized asphalt membranes over uncured sealant of any kind other than Henry 925 BES Sealant. Application of rubberized asphalt over uncured sealant can cause softening of the bitumen and potentially result in membrane slippage or chemical compatibility issues.

When sealant is required with Henry self-adhered, rubberized asphalt membranes, Henry Company strongly suggests use of Henry 925 BES Sealant to avoid the potential for chemical incompatibilities.

Please contact your local Henry Commercial Building Envelope Systems Representative or Henry Product Support [productsupport@henry.com](mailto:productsupport@henry.com) for product specific evaluations or any other questions.

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