

TECHNICAL BULLETIN

TARGET MARKET ROOFING & WATERPROOFING

BUILDING TRUST



Subject: Sikalastic® 20 & 25-Year Warranties with Sika® Fleece -120

05-25

Application:

Sika® Fleece -120 can now be used in Liquid Applied Membrane (LAM) systems for warranties up to 25 years. The resin mil thickness is the same as the Sika® Fleece -140 & 170 system.

Approved for use with the following resins:

Sikalastic® -621 TC
Sikalastic® -641 LoVOC
Sikalastic® -624 WP
Sikalastic® -644 LoVOC

Note: This approval does not apply to FM insured projects or where RoofNav assembly numbers are needed; these require Sika® Fleece -140 for 20-year warranties or Sika® Fleece -170 for 25-year warranties

System Option for Sikalastic 20 Year Warranty:

Substrate Preparation:

- Prepare the substrate per product literature substrate preparation requirements and apply the appropriate Sika Primer
- Allow the primer to cure

Base Coat Application:

- Sikalastic 644 LoVOC/641 LoVOC - Apply Sikalastic resin at 50 mils wet (32 sf/gal)
- Sikalastic 624 WP/621 TC - Apply Sikalastic resin at 50 mils wet (32 sf/gal)

Fleece Application:

- Roll Sika Fleece 120 directly into the wet base resin

Top Coat Application:

- Sikalastic 644 LoVOC- Apply 25 mils wet (64 sf/gal) top coat resin
- Sikalastic 641 LoVOC- Apply 30 mils wet (53 sf/gal) top coat resin
- Sikalastic 624 WP/621 TC - Apply 35 mils wet (45 sf/gal) top coat resin

System Option for Sikalastic 25 Year Warranty:

Substrate Preparation:

- Prepare the substrate per product literature substrate preparation requirements and apply the appropriate Sika Primer
- Allow the primer to cure

Base Coat Application:

- Sikalastic 644 LoVOC - Apply Sikalastic resin at 60 mils wet (27 sf/gal)
- Sikalastic 641 LoVOC - Apply Sikalastic resin at 66 mils wet (24 sf/gal)
- Sikalastic 624 WP - Apply Sikalastic resin at 65 mils wet (24 sf/gal)
- Sikalastic 621 TC - Apply Sikalastic resin at 60 mils wet (26 sf/gal)

Fleece Application:

- Roll Sika Fleece 120 directly into the wet base resin.

Top Coat Application:

- Sikalastic 644 LoVOC - Apply Sikalastic resin at 35 mils wet (45 sf/gal)
- Sikalastic 641 LoVOC - Apply Sikalastic resin at 34 mils wet (47 sf/gal)
- Sikalastic 624 WP/621 TC - Apply Sikalastic resin at 40 mils wet (40 sf/gal)

Additional Notes:

- For longer-term warranties, consult with Sika technical support
- Coverage (sf/gal) will vary depending on the substrate. See applicable PDS.

Approved Substrates:

- Concrete
- Wood
- Existing substrates/ BUR (consult Sika technical & infrared/moisture scan required)
- Modified Bitumen (Mod Bit), asphalt-based roofing
- **Not approved:** Cold tar pitch roofs