

# TECHNICAL BULLETIN

## TARGET MARKET ROOFING



BUILDING TRUST



**Subject: Edge and Peel Stop Requirements**

**15-11**

The following is Sika Corporation – Roofing’s edge and 3 ft (91 cm) peel stop requirements for adhered and mechanically attached applications, when high wind speed warranties are specified.

Membrane	Wind Speed	Minimum Edge Detail for Adhered or Mechanically Attached Assemblies	3 ft (91 cm) Peel Stop for Adhered Assemblies	Air Retarder Requirement
Sikaplan only	46	Sikaplan Edge Details	No	No
Sikaplan and Sarnafil	47 - 60	ES-1 Tested or Sarnaclad 1-1	No	No
Sikaplan and Sarnafil	61 - 74	ES-1 Tested or Sarnaclad 1-1	Yes, fastened 12” oc	No
		Sarnaclad High Wind 1-1A or Engineered Metal	No	No
Sikaplan and Sarnafil	75 - 99	Sarnaclad 1-1	Yes, fastened 6” oc	No
		Sarnaclad High Wind 1-1A or Engineered Metal	Yes, fastened 12” oc	No
		Sarnaclad High Wind 1-1A or Engineered Metal	No	Yes (new construction or complete roof tear-off) No (re-cover of continuous roof, such as a BUR or Mod Bit)
Sarnafil only	100 -120	Sarnaclad High Wind 1-1A or Engineered Metal	Yes, fastened 6” oc	No (re-roof only)
		Sarnaclad High Wind 1-1A or Engineered Metal	Yes, fastened 12” oc	Yes (new construction or complete roof tear-off) No (re-cover of continuous roof, such as a BUR or Mod Bit)
Sarnafil Engineered only	121 ≥	Sarnaclad High Wind 1-1A or Engineered Metal	Yes, fastened 6” oc	Yes

**Notes**

1. Peel stop can be either Sarnastop or Sarnadisc XPN plates.
2. Peel stop required for ground level roof heights 40 ft (12 m) and above (any mph category).
3. Parapet walls with coping caps, it is highly recommended that an engineered metal such as Metal-Era or Hickman be used and can be covered under warranty if provided by Sika.



4. Assemblies with insulation and/or cover boards attached with asphalt will require peel stop and are limited to 74 mph warranty coverage.
5. 99 mph and greater require all deck penetrations to be sealed.
6. Approved decks for wind speed warranties 99 mph and greater are limited to steel (22 ga min.), wood (min. 5/8" 5-ply plywood or 1-1/2" plank), poured structural concrete, or LWIC. Gypsum and CWF decks can be accepted within adhered systems with acceptable pull tests.