




WAKAFLEX, DAKAFLEX & SMARTFORM Product Differentiation

What's are the main difference between WAKAFLEX, DAKAFLEX, SMARTFORM & FLASHTITE and when should each product be used?

AT A GLANCE	BODY	SURFACE	BACKING	INTERNAL	STRETCH	WIDTHS
	PIB Rubber	Smooth	Butyl Strip	Mesh	50%	280mm 370mm 560mm
	Aluminium	Creped	100% Butyl	Mesh	30%	300mm 450mm
	Aluminium	Creped	100% Butyl	None	60%	200mm 300mm 450mm

WAKAFLEX is our premium lead-free flashing. Made from a six-layer laminate, its core material is Polyisobuthylene rubber or PIB. This is an extremely resilient material that's UV resistant and completely waterproof. Inside the main WAKAFLEX body is an aluminium mesh that provides rigidity and a lasting memory of the roof profile when dressed to the roof surface. WAKAFLEX has two butyl sealing strips running along both edges of the 5m rolls, and a 3 piece HDPE protective backing. WAKAFLEX can stretch up to 50% in length and 15% in width. It's designed to replace lead flashing in all its traditional applications, and easily dresses down by hand to any roof material in a smooth seamless finish. WAKAFLEX is our premium lead-free flashing product.

BEST FOR – New build applications such as abutments, step-flashing, chimneys & Dutch gables.

DAKAFLASH is our newest flashing in our lead-free range. DAKAFLASH is a seven-layered laminate consisting of a creped aluminium top sheet with 100% butyl adhesive as the backing. Embedded into this adhesive is the same aluminium mesh that's in WAKAFLEX. This mesh gives the DAKAFLASH additional rigidity and support to the aluminium top sheet. This enables DAKAFLASH to have a smoother contoured finish on the roof surface than SMARTFORM. DAKAFLASH can stretch about 30% in length and has a two-piece protective HDPE backing. Suitable for most of the same applications as WAKAFLEX but at a lower price point, a different aesthetic finish and less stretchability.

BEST FOR - More exposed areas and metal or Polycarbonate installations such as verandah's and patio flashings to due to its 100% adhesive backing. Perfect for flashing maintenance by going under existing flashing that's prone to leakage.

SMARTFORM is made from the same creped aluminium top-sheet and Butyl adhesive as DAKAFLASH but is does not have the aluminium reinforced mesh. It has the most stretch in the range, up to 60% in length, but like the DAKAFLASH no stretch in width. This makes it suitable for ad-hoc and difficult to flash areas such as roof penetrations, ducts and sky lights as well as extreme roof profile shapes like KLIP-LOK metal, and polycarbonate roofing sheets. Because SMARTFORM can stretch up to 60% it's capable of flashing around a 360 degree diameter in one piece and is perfect for lining roofing components that are prone to rusting by creating a waterproof flashing barrier such as box gutters.

BEST FOR – Roof Penetration flashings, Ad-hoc jobs with extreme profiles, lining box gutters and valleys.

APPLICATIONS CHART FOR WAKAFLEX, DAKAFLASH & SMARTFORM



TERRACOTTA TILE ROOF	BEST	BETTER	GOOD
CONCRETE TILE ROOF	BEST	BETTER	GOOD
SLATE TILE ROOF	BEST	BETTER	GOOD
METAL ROOF CORRUGATED	GOOD	BEST	BETTER
METAL ROOF KLIP LOK	GOOD	BETTER	BEST
POLYCARB ROOF	GOOD	BETTER	BEST
EXTREME PROFILES	BETTER	GOOD	BEST
ABUTMENTS	BEST	BETTER	GOOD
STEP-FLASHING	BEST	BETTER	GOOD
CHIMNEY	BEST	BETTER	GOOD
DUTCH GABLE	BEST	BETTER	GOOD
DORMER	BEST	BETTER	GOOD
VALLEY – SPLASHOUT	BEST	GOOD	BETTER
SKYLIGHTS	BETTER	GOOD	BEST
SOLAR	BETTER	GOOD	BEST
DAMP PROOF COURSE	BEST	BETTER	GOOD
CAVITY FLASHING	BEST	BETTER	GOOD
PIPE PENETRATIONS	BETTER	GOOD	BEST
ROOF VENTS HVAC	GOOD	BETTER	BEST
BULLNOSE ABUTMENT	BETTER	GOOD	BEST

UNIQUE PROPERTIES OF WAKAFLEX, DAKAFLASH & SMARTFORM



AS Damp Proof	AS/NZS 2904	AS/NZS 2904	AS/NZS 2904
AS Drinking Water	AS/NZS 4020	No	No
BAL 29 Rated	Yes	No	No
Stretch	50%	30%	60%
3D Stretch	Yes	No	No
2D Stretch	Yes	Yes	Yes
Self-Fusing	Yes	No	No
Min Overlap	50mm	100mm	100mm
Protective Backing	3 Piece	2 Piece	2 Piece