

# MasterSeal<sup>®</sup> 955 FLASHSEAL

All purpose, self-adhesive, instant waterproofing and repair tape

## DESCRIPTION

MasterSeal 955 FLASHSEAL is a high grade, cold applied, self-adhesive, waterproof bitumen tape based on elastomeric bitumen strengthened with high performance adhesive polymers. It exhibits excellent UV and aging stability because of its highly reflective, aluminized protective, foil backing. The special polymer additives ensure that MasterSeal 955 FLASHSEAL strongly adheres to most construction materials including concrete, renders, mortars, brickwork, blockwork, wood, asphalt, bituminous roofing felts, cement fiberboards, cement and clay tiles, thermal insulation boards, and many plastics to provide an instant, long lasting watertight seal. MasterSeal 955 FLASHSEAL provides a quick, effective and economic watertight repair solution for a wide range of common building problems.

## TYPICAL USES

MasterSeal 955 FLASHSEAL has been developed specifically for sealing and repairing:

- Cracked roof parapets, upstands and detailing
- Failed seams and details in mastic asphalt, asphalt felt and other bituminous roofing systems
- Cracked or damaged clay and concrete roof tiles
- Around windows, doors, partitions, drywall panels
- Around chimneys, ventilation pipes, skylights, dormer windows and other penetrations
- Gutters, channels and downpipes

## ADVANTAGES

- Easily applied by hand without the need for heat or flame.
- No special equipment needed
- Perfect bond without primer on most common substrates: saves time and money.
- Aluminized backing provides excellent UV resistance for long life.
- Excellent resilience, tensile and tearing strengths for extra-long service life
- Impermeable to water and air

## PACKAGING

MasterSeal 955 FLASHSEAL is supplied in as rolls packaged in outer boxes as follows.

Length (m)	Width (mm)	No of rolls per box
3	100	12
10	100	3
3	150	12
10	150	2

## COLOUR

MasterSeal 955 FLASHSEAL is available in Aluminium Grey.

(Other colours may be available on request subject to minimum order quantities and manufacturing availability).

## WATCHPOINTS

Not suitable for vehicular or heavy foot traffic areas.

## TECHNICAL DATA\*

Thickness	1.5mm ±1.5mm
Unit weight	1.5 kg/m <sup>2</sup>
Building Material Reaction to Fire Class	DIN 4102 B2
Softening point (DIN 52011)	≥ 85°C
Embrittlement point (DIN 52123)	≤ - 30°C
Tensile strength (DIN12311-1)	> 200N
Tearing strength (DIN 12310)	> 30N
Water Permeability (DIN 1928)	Impermeable
Water Vapour Permeability Equivalent sd	> 1500m

## APPLICATION

### Surface preparation:

To ensure optimum adhesion the joint faces must be sound, clean, dry and free from any loosely adherent material which could prevent adequate bond to the substrate.

MasterSeal 955 FLASHSEAL adheres perfectly without the use of a primer to most non porous substrates.

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Strongly porous substrates may need priming using a bitumen emulsion coating such as **MasterSeal 609**. It is good practice to test adhesion before commencing full installation. In colder climates for optimum adhesion it is recommended to condition the material to at least 10°C to promote adhesion.

## Application:

Any cracks or gaps greater than 3mm should be filled with either an elastomeric sealant eg **MasterSeal NP 472** or a flexible polymer modified bitumen mastic e.g. **MasterSeal 620**.

Measure the length of tape required. If more than one piece is needed or if tailoring around details is necessary allow for a minimum overlap of 50mm. Peel away the backing paper and press the **MasterSeal 955 FLASHSEAL** firmly in place by hand. Work from the centre outwards to expel any trapped air bubbles.

On longer lengths, cut to length and peel backing from one end, press well into place and continue removing backing and placing as you move along the treated area.

Work into corners using a small roller or smooth piece of wood. For internal and external corners, circular vents and other penetrations cut the tape to half the width and apply carefully to ensure a watertight seal.

## APPLICATION TEMPERATURE RANGE

Minimum	+5°C
Maximum	+45°C

## STORAGE AND SHELF LIFE

**MasterSeal 955 FLASHSEAL** has a shelf life of 36 months from production date when stored in its original packaging at temperatures between 5° C and 25°C.

## HEALTH AND SAFETY

Non-hazardous. No special measures necessary if stored and handled correctly.

## NOTE

Field service, where provided, does not constitute supervisory responsibility. For additional sacinformation contact your local Master Builders Solutions representative.

Master Builders Solutions reserves the right to have the true cause of any difficulty determined by accepted test methods.

## QUALITY AND CARE

All products manufactured by Master Builders Solutions Egypt, or imported from Master Builders Solutions affiliate companies world- wide, are manufactured to procedures certified to conform to the quality, environment, health & safety management systems described in the ISO 9001:2015, ISO 14001:2015 & OHSAS 18001:2007 standards.

\* Properties listed are based on laboratory controlled tests.

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