TECA®

FLEX

LEAD FREE FLASHING

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TECA FLEX is a lead free flashing which can be used in areas where traditional lead flashing would be used such as chimney and abutment flashings, around rooflights and pitched valley linings.

TECA FLEX can also be used to form a damp proof course and cavity trays in masonry walls.

TECA FLEX is made from a modified polyethylene compound with an integral aluminium mesh reinforcement, enabling the product to be worked and formed in the same way as lead.

The product is faced with a fine black or grey mineral.

FEATURES AND BENEFITS

CAN BE USED IN AREAS WHERE LEAD FLASHING IS TRADITIONALLY USED

CAN BE WORKED AND FORMED IN THE SAME WAY AS LEAD STEPPED FLASHINGS, ABUTMENT FLASHINGS, CHIMNEY FLASHINGS, PITCHED ROOF VALLEY LINERS, DORMER WINDOW FLASHINGS, ROOFLIGHT AND SOLAR PANEL FLASHINGS

SIGNIFICANTLY LIGHTER THAN LEAD FLASHING MAKING IT EASIER TO HANDLE

RAPID INSTALLATION

COST EFFECTIVE, WITH NO SCRAP OR RE-SALE VALUE. NO RISK OF THEFT

NON TOXIC MATERIAL, ECO-FRIENDLY, RECYCLABLE

PRODUCTS DETAILS

Roll Size	Roll Weight [kg/m²]	Thickness [mm]	Colour
150 mm x 10 m	5	4 on mineral	Black / Grey
300 mm x 10 m	5	4 on mineral	Black / Grey
450 mm x 10 m	5	4 on mineral	Black / Grey
600 mm x 10 m	5	4 on mineral	Black / Grey

Other colours and thicknesses available by special order.

Store in a dry and shaded area.

TYPICAL PERFORMANCE

TEMPERATURE RESISTANCE	+30°C to +90°C
MINIMUM WORKING TEMPERATURE	by hand: -10°C with hammer: +5°C Store product in warm conditions prior to use for improved malleability
CORROSION RESISTANCE	Resistant to corrosion and surface staining

APPLICATION

TECA FLEX can be cut using a sharp knife and formed using the same methods as for traditional lead flashings.

If required, stainless steel nails can be used to fix **TECA FLEX** back to a structure. Standard fixing clips can be used to secure **TECA FLEX** into a pointing gap, enabling the product to be secured firmly to allow dressing down onto the roof covering.

To provide additional restraint in areas of high exposure, bituminous mastic PRATIKO MASTIC should be applied in a continuous bead and pressed down to seal.

PRATIKO MASTIC can also be used to fill the pointing gap in brickwork and masonry, minimising any mortar cracking or water penetration and ensuring a flexible, long-lasting joint.

All overlaps in **TECA FLEX** must be sealed with a continuous bead of PRATIKO MASTIC.

WITH AND WITHOUT DPC, JOINTS

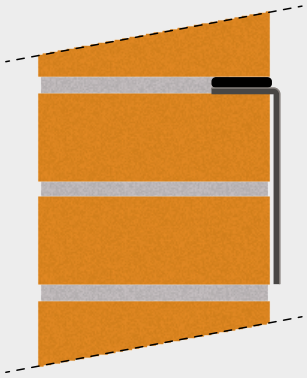


FIG. 1

Without

When applying **TECA FLEX** on parapets, up-stands, walls and chimneys without a damp proof course (DPC), **TECA FLEX** should be inserted into the joint by at least 30 mm. To hold the **TECA FLEX** in place use suitable fastener clips which should be evenly spaced to guarantee that they hold the material in place, use PRATIKO MASTIC to fill the joints ***(fig. 1)***. PRATIKO MASTIC is resistant to cracking and is used to impede water infiltration through the joints.

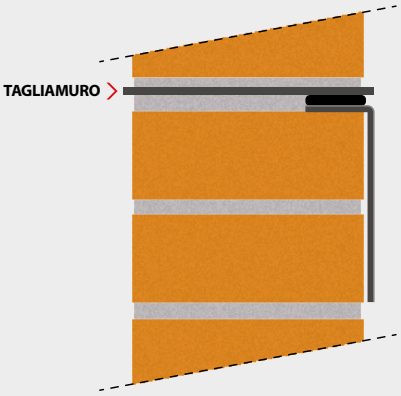


FIG. 2

With

When there is a pre-fitted DPC, **TECA FLEX** should be inserted in to the joint by at least 3 cm after having previously removed all the mortar after which the same will be sealed with PRATIKO MASTIC ***(fig. 2)***.

When applying at the same time both the **TECA FLEX** and DPC, the first should be fitted to a depth of at least 5 cm, it is recommended to bend back the edge so it can then be anchored into the mortar ***(fig. 3)***. When the height of the masonry is less than 60 cm from the DPC this detail is recommended to avoid the **TECA FLEX** lifting from the fastening clips.

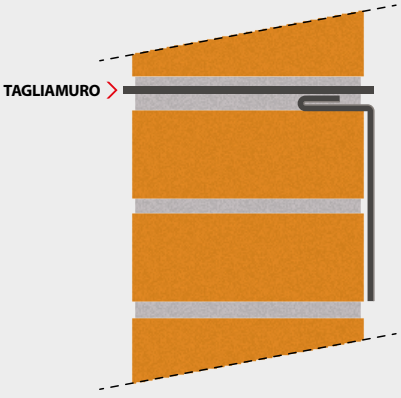


FIG. 3

Larger joints

When using **TECA FLEX** in the presence of large and/or irregular joints, it is recommended to mechanically fix the product in the joint and then seal by using PRATIKO MASTIC.

FLASHING

When using **TECA FLEX** as a flashing, the product should be positioned on the upstand for at least 7 to 8 cm and then sealed using PRATIKO MASTIC ***(fig. 4)***.

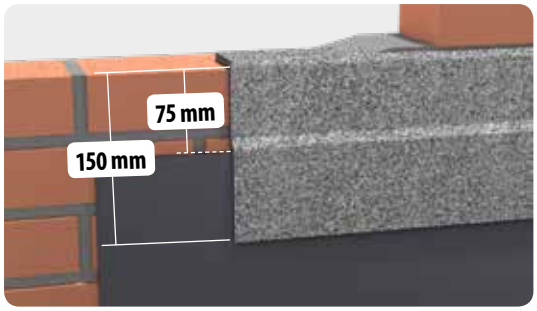


FIG. 4

When using **TECA FLEX** as a flashing over slates, the product should be positioned in steps, making sure to have a width of 15 to 20 cm and must be sealed with PRATIKO MASTIC ***(fig. 5)***.

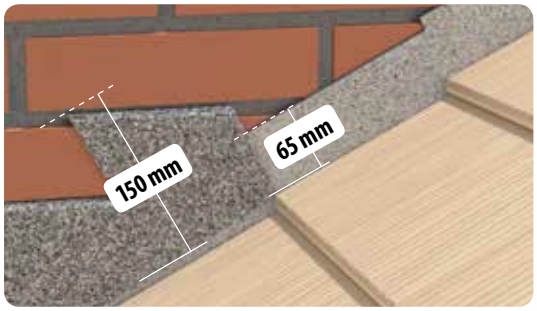
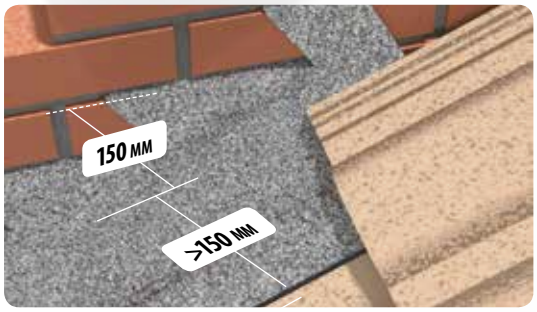


FIG. 5

SIDE WALL OR CHIMNEY FLASHING

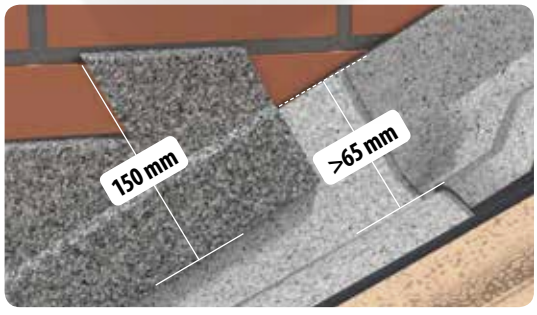
TECA FLEX can be used over tiles ***(fig. 6)***, in which case the flashing should be brought up the wall by at least 15 cm. The tiles should be covered also by at least 15 cm of **TECA FLEX** flashing and for tiles with a deep profile and for slopes under 25° by at least 20 cm, always sealed using PRATIKO MASTIC.

FIG. 6



Another possible application is using separate flashings ***(fig. 7)***, whereas the tiles are covered by a piece of **TECA FLEX**, making sure that each one is brought up the wall by at least 7 cm and then the stepped piece is brought down the wall making sure it overlaps the base piece by at least 6 cm and sealed using PRATIKO MASTIC.

FIG. 7



TOP WALL OR CHIMNEY FLASHING

The **TECA FLEX** should extend down over the tiles by at least 15 cm, 20 cm for slopes under 25°, and up the upstand by at least 7 cm making sure to seal all the joints with PRATIKO MASTIC ***(fig. 8)***. In the presence of a join, a separate piece of **TECA FLEX** flashing should be used. This piece should run along the ridge on both sides by at least 7 cm, the flashing below the ridge should be turned back.

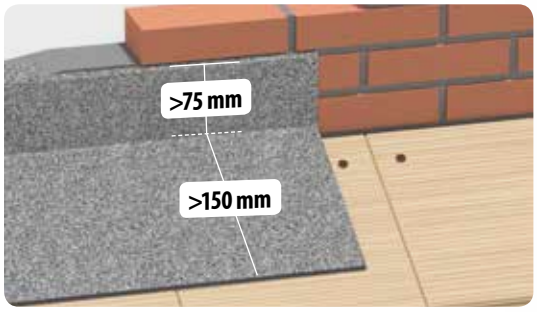


FIG. 8

FLASHING TO CANOPIES, HOODS AND CARPORTS

TECA FLEX can be used as a flashing to modern fibreglass, GRP and plastic door/ window/patio canopies, door hoods and carports ***(fig. 9)***.

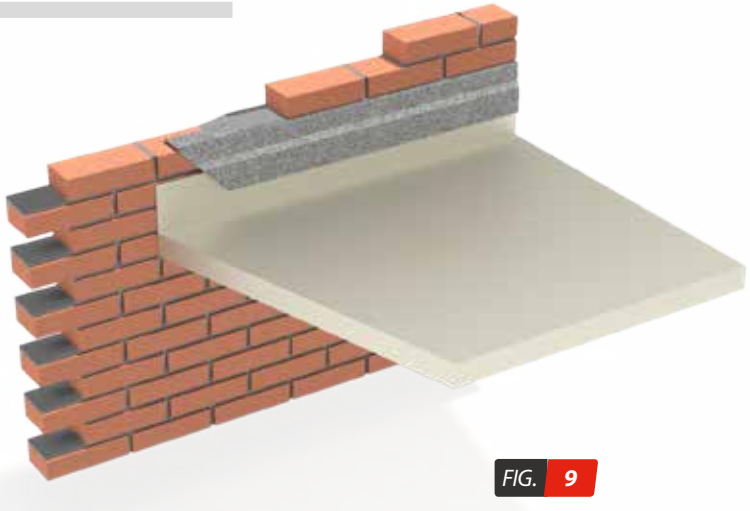


FIG. 9

FLASHING TO VERTICALS

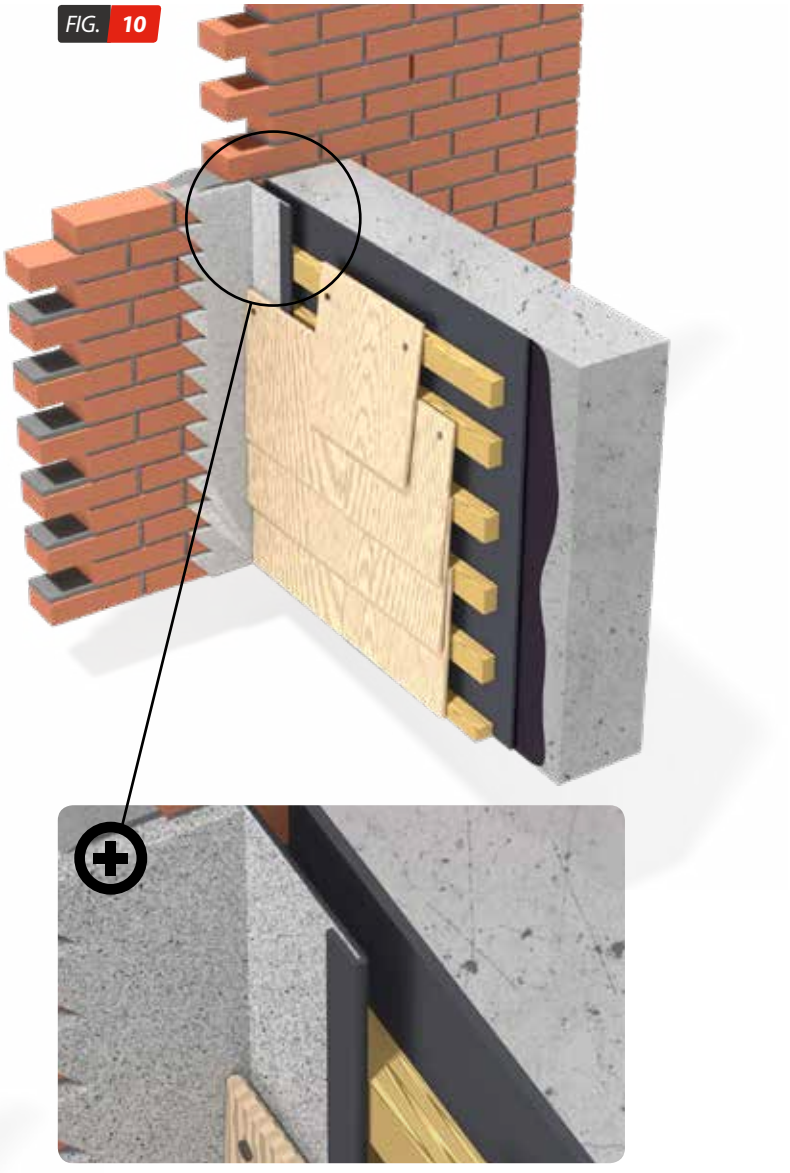
TECA FLEX should be applied behind the tiles by at least 8 cm and then finished using a single piece as indicated in the drawings ***(fig. 10)***.

When applying behind slates, the **TECA FLEX** should extend by at least 10 cm.

A separate piece of **TECA FLEX** should be used at the joins which should extend up the wall by at least 8 cm and brought into the bricks ***(fig. 11)***.

TECA FLEX is also suitable for flashing to doors, windows and patios.

FIG. 10



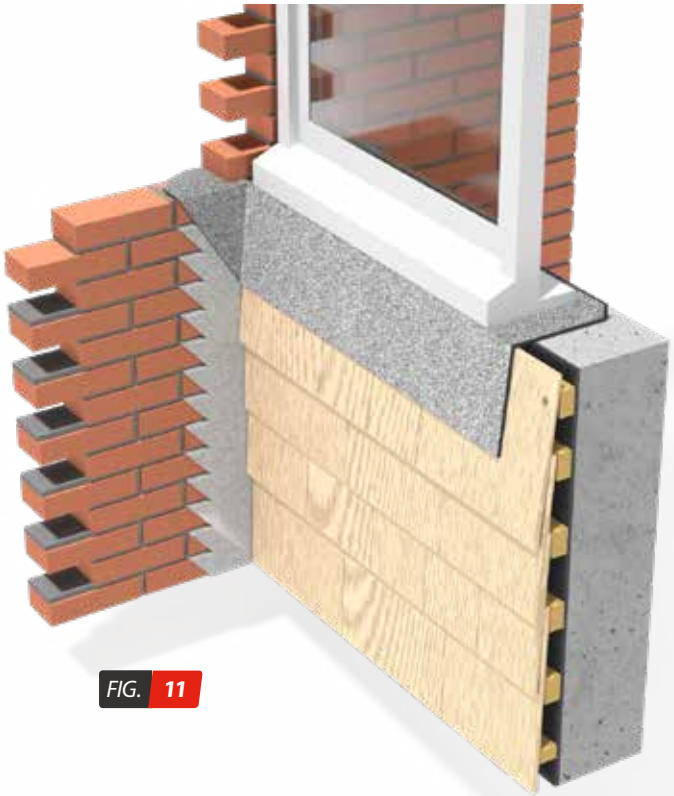
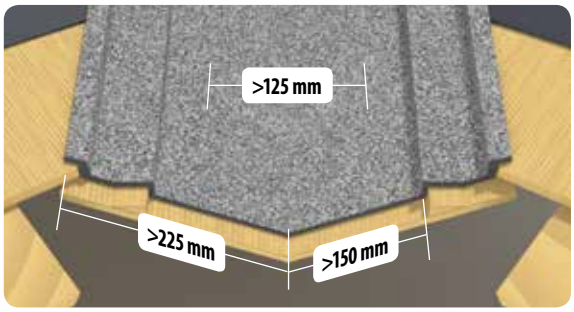


FIG. 11

PITCHED VALLEY LINING

TECA FLEX is suitable for pitched valley linings and is positioned directly on the boards as indicated ***(fig. 12)***.



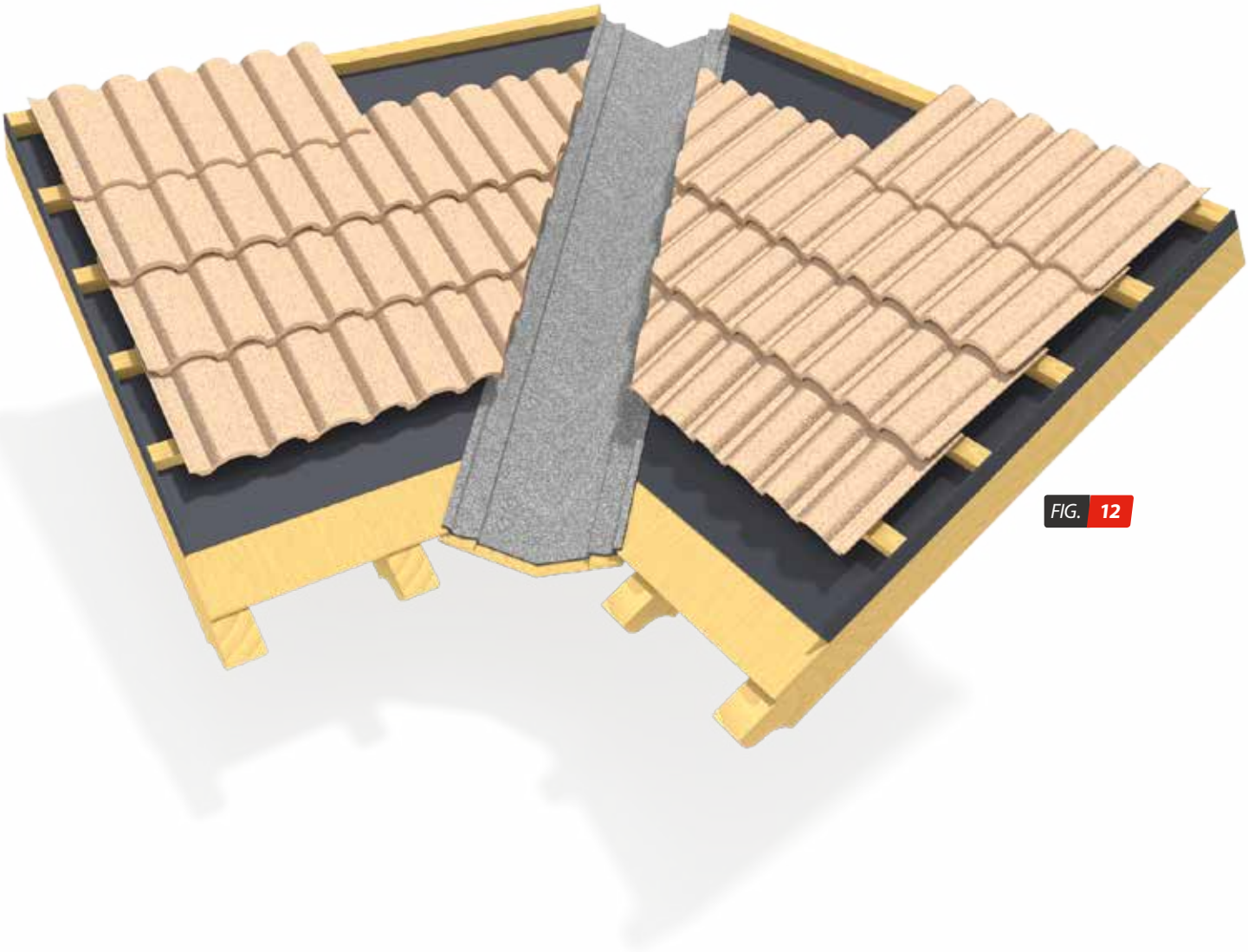


FIG. 12

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