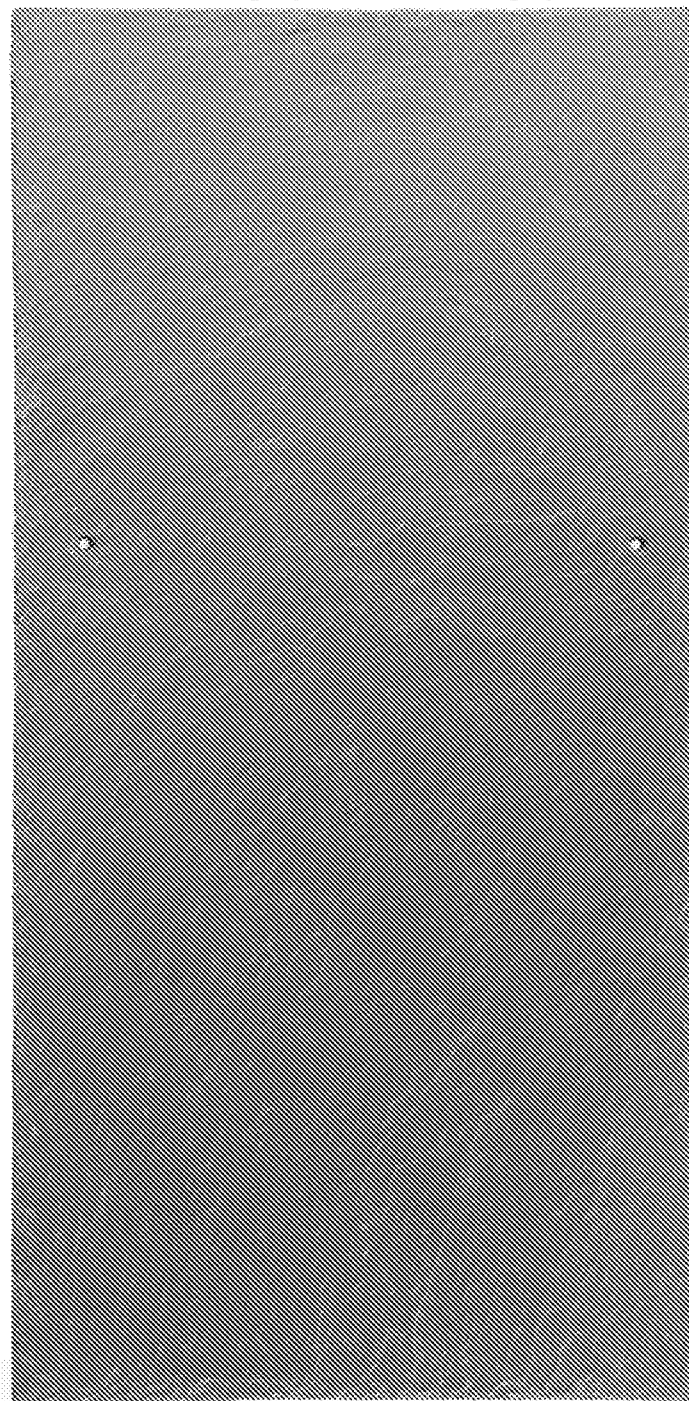


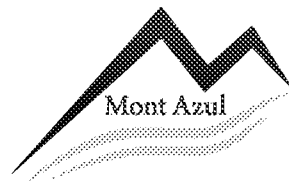
LOMBEIRO MA 12

A fast mined lightly textured flat blue grey slate



— for the edge in natural slate —

JEWSON



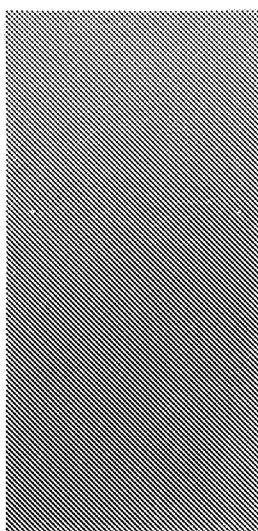
LOMBEIRO MA 12

The Lombeiro MA 12 is a category of competitively priced slates which are fast mined and cleaved from the more fissile parts of the rock seam that is conducive to fast low cost production. The slate is relatively flat, smooth and fine textured. Easy to work with the slate is suited for most general purpose roofing including refurbishment and repairs.

As with all the Mont Azul Slates the Lombeiro MA 12 is CE marked and meets the requirements of the mandatory durability standard BSEN12326 thus complying with the EU construction products regulation 305-2011 and all local authority building regulations.

The standard EC wooden crates in which the slates are packed carry the required labelling.

SLATE SIZES AND THICKNESS:



The slate is available in the following standard sizes and thicknesses:

500 x 250mm - Thickness = 4-5mm

500 x 375mm - Thickness = 4-5mm

The Lombeiro MA 12 is a fast mined lightly textured relatively flat blue grey slate.

SLATE DATA AND PRODUCT INFORMATION:

Identification of the product: Cantera Carballeda de Valdeorras

Type of slate: Non-carbonate smooth metamorphic slate.

Formats: From 500x250 to 500x375. Other sizes by special order.

Intended use: Slate for roofing and external cladding.

Dimensional tolerances: Complies

Deviation from declared length and width: Complies

Deviation from straightness of edges: Complies

Deviation from square: Complies

Strength (Characteristic Modulus of Rupture): -

Transverse: 45 N/mm² - Longitudinal: 57 N/mm²

Water absorption: Class W1 <0.6 -0.31%

Freeze-thaw Resistance: Not required.

Thermal cycle: T1/T2* - Exposure SO 2: S1

Non-carbonate carbon content: Complies (0.3%)

Carbonate content: Complies (0.1%).

Release of dangerous substances: -

None in conditions of use as roofing or external cladding.

External fire performance: Complies Class B

Reaction to fire: Complies Class A1

*This is a fast mined low price slate and may contain a proportion of T2 slate which could show signs of coppering. This does not affect its waterproof properties.

FIXING

Slates are normally laid double-lap. Provided they are laid to BS 5534 and other relevant standards such as BS8000-6 and purchased from a reliable source they should be fairly watertight and durable. They should be fixed using either nails or hooks and in accordance with all the relevant British standards. Nails are much more common in use than hooks in the UK and can be used at any pitch, whereas hooks are limited to pitches of 25 degrees and over. Slating nails should be smooth-shanked and made of aluminium, copper or stainless steel.

Jewson supply all ancillary products required for the safe installation of a slate roof, including nails and hooks, under felt, battens, lead, ridge caps and any other specialist products that may be required.

GRADING

Slates should be graded prior to fixing on the roof to ensure that the slates on any one course are reasonably uniform in thickness. This prevents any excessive 'gaps' or 'kicking' of the slates and avoids the chance of increased wind after fixing. Gaps and kicking not only increase the chance of wind-blown water ingress but may also lead to 'roof chatter'. Slates should be sorted into three grades, with the thickest grade used at the eaves and the thinnest at the ridge. In order to minimise the natural effect of any variation in shade slate should be drawn from at least 2 pallets at a time.

Slate is a natural material and whilst every care is taken at the factory in reducing thickness variations, any obviously thick or thin slates should be put to one side for use as cuts that might be required.

For further information please contact your local Jewson branch or info@jewson.co.uk

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