



INDEPENDENT SLATE SUPPLIES
Where quality comes naturally

ISS LV11

Roofing Slate

Origin

LV11 natural slate is excavated from one of the world's largest slate mines, situated in the Ourense region of Northern Spain. The mine produces an abundance of high-quality slate for those seeking continuity, making it ideal for larger, ongoing developments.

The LV11 slate stands out through its uniform qualities and consistent flat surface, which requires less grading and makes it easier to lay.

Benefits

- Attractive permanent blend of rich mid-grey colours with virtually no visible pyrites.
- In comparison to other slate products, the LV11 is lightweight with a clean smooth texture and neatly dressed edges.
- The LV11 proudly conforms and surpasses all the top UK tests for water absorption, thermal cycle resistance and sulphur dioxide (acid rain) exposure with an excellent W1-S1-T1 rating.
- Having been put through the most stringent selection process, the LV11 comes sorted in both 5mm and 6mm thicknesses and tested to the British UKCA requirements.
- Due to the high-quality rock and selection process the LV11 is awarded a 50 year guarantee for the 6mm selection and a 75 year guarantee for the 5mm Ultra selection.

Sustainability and Environment

Natural slate stands out as the ultimate eco-friendly roofing material and outperforms manufactured alternatives. With no chemical or high energy processing, coupled with unparalleled longevity, natural slate is an environmentally conscious and stylish choice for your roof.

Average pallet quantity

Average quantity for 50x25 5mm 810 p/crate & 6mm 700 p/crate.

Your ISS representative will advise slate sizes and thickness best suited to your project.

UK
CA



www.independentslatesupplies.com

Depots in England and Wales. Head Office Cornwall: 01752 848080
Wales Office: 01792 399853

LV11-2024 E&OE



Quality Standard

UK Construction Products Regulations, require any natural slates offered for sale in the UK to display the UKCA Marking. Certification must be made available in compliance with the procedures laid down in the relevant UK standard, BS EN12326-1:2014 detailing the test results and classifications to be shown on commercial documents. (All slates need to be fixed in line with current British Standards.)

Grading

Slates must be graded on the ground before being lifted onto the roof for fixing. Sort slates into 3 or 4 groups of equal thickness, laying slates of equal thickness in the same course.

Slates that are not sorted and graded before fixing do not lay true and can look unsightly.

Laying

Slate the roof with thicker slates in lower course (eaves) and thinner slates in upper course (ridge). This will prove stronger against wind and rain, lay better with fewer gaps and blend in any natural colour variation.

Fixing

ISS recommends that Brazilian slate should be fixed with hooks, whilst Spanish slate can be fixed with nails or hooks. All fixings must comply with the latest version of BS5534.

Wastage

Due to the natural composition of slate, each slate may vary slightly in respect to size and colour. It is necessary to allow a cutting and wastage allowance when determining the quantity of slates to order. Your ISS representative will advise on wastage allowance.

Severe Exposure more than or equal to 56.5l/m ² per spell				
Pitch Degree	Slate Size mmxmm	Minimum Headlap mm	Slates no/m ²	Batten Gauge mm
35°	600 x 300	90	12.90	255
	500 x 300	90	16.00	205
	500 x 250	90	19.10	205
	450 x 220	90	24.69	180
	400 x 250	90	25.30	155
	400 x 200	90	31.50	155
	350 x 200	90	37.50	130
	300 x 200	90	46.50	105
30°	600 x 300	100	13.10	250
	500 x 300	100	16.40	200
	500 x 250	100	19.60	200
	450 x 220	100	25.40	175
	400 x 250	100	26.10	150
	400 x 200	100	32.50	150
	350 x 200	100	39.00	125
	300 x 200	100	48.80	100
27.5°	500 x 300	110	16.80	195
	500 x 250	110	20.10	195
25°	500 x 300	120	17.30	190
22.5°	500 x 300	130	17.70	185

Moderate Exposure less than 56.5 l/m ² per spell				
Pitch Degree	Slate Size mmxmm	Minimum Headlap mm	Slates no/m ²	Batten Gauge mm
35°	600 x 300	70	12.40	265
	500 x 300	70	15.20	215
	500 x 250	70	18.20	215
	450 x 220	70	23.39	190
	400 x 250	70	23.80	165
	400 x 200	70	29.60	165
	350 x 200	70	34.80	140
	300 x 200	70	42.40	115
30°	600 x 300	80	12.60	260
	500 x 300	80	15.60	210
	500 x 250	80	18.70	210
	450 x 220	80	24.02	185
	400 x 250	80	24.50	160
	400 x 200	80	30.50	160
	350 x 200	80	36.10	135
	300 x 200	80	44.30	110
27.5°	600 x 300	85	12.70	258
	500 x 300	85	15.80	208
	500 x 250	85	18.90	208
25°	600 x 300	95	13.00	253
	500 x 300	95	16.20	203
	500 x 250	95	19.40	203
22.5°	500 x 300	105	16.60	198
	500 x 250	130	17.70	185
20°	500 x 300	115	17.00	193

Categories of Exposure to Driving Rain



- Cream areas depict driving rain exposures of less than 56 l/m² per spell (moderate)
- Green areas depict driving rain exposures of more than 56 l/m² per spell (severe)

For more information, please refer to our Technical Guide which can be found on our website.



Visit our website and find out more about our Carbon Conscious range.