



INDEPENDENT SLATE SUPPLIES

Where quality comes naturally

ISS-10

Roofing Slate

Origin

The ISS-10 slate is quarried in the Orense region of northwest Spain; an area long established as producing some of the finest quality slate available. This sought after slate is suitable for use across the UK, with its attractive mid-grey colour fitting in well to any surroundings.

The ISS-10 is available in both Prime & Ultra selections and sizes of 400x250mm, 500x250mm, 500x300mm & 600x300mm providing an option for most projects.

Benefits

- The ISS-10 is a very flat slate with a smooth texture and neatly dressed edges.
- A mellow mid-grey colour with no visible pyrite.
- Extremely workable making it ideal for complex roof designs.
- The ISS-10 proudly conforms to and surpasses all the top UK testing requirements for water absorption, thermal cycle resistance and sulphur dioxide (acid rain) exposure with an excellent W1, T1 & S1 rating. Declaration of performance available on request.
- Consistent 5mm thickness leading to minimal sorting and grading required on site.
- Guarantee of 50 years on the Prime selection, and 75 years on the 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 Prime 800 p/crate & Ultra 825 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

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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.