

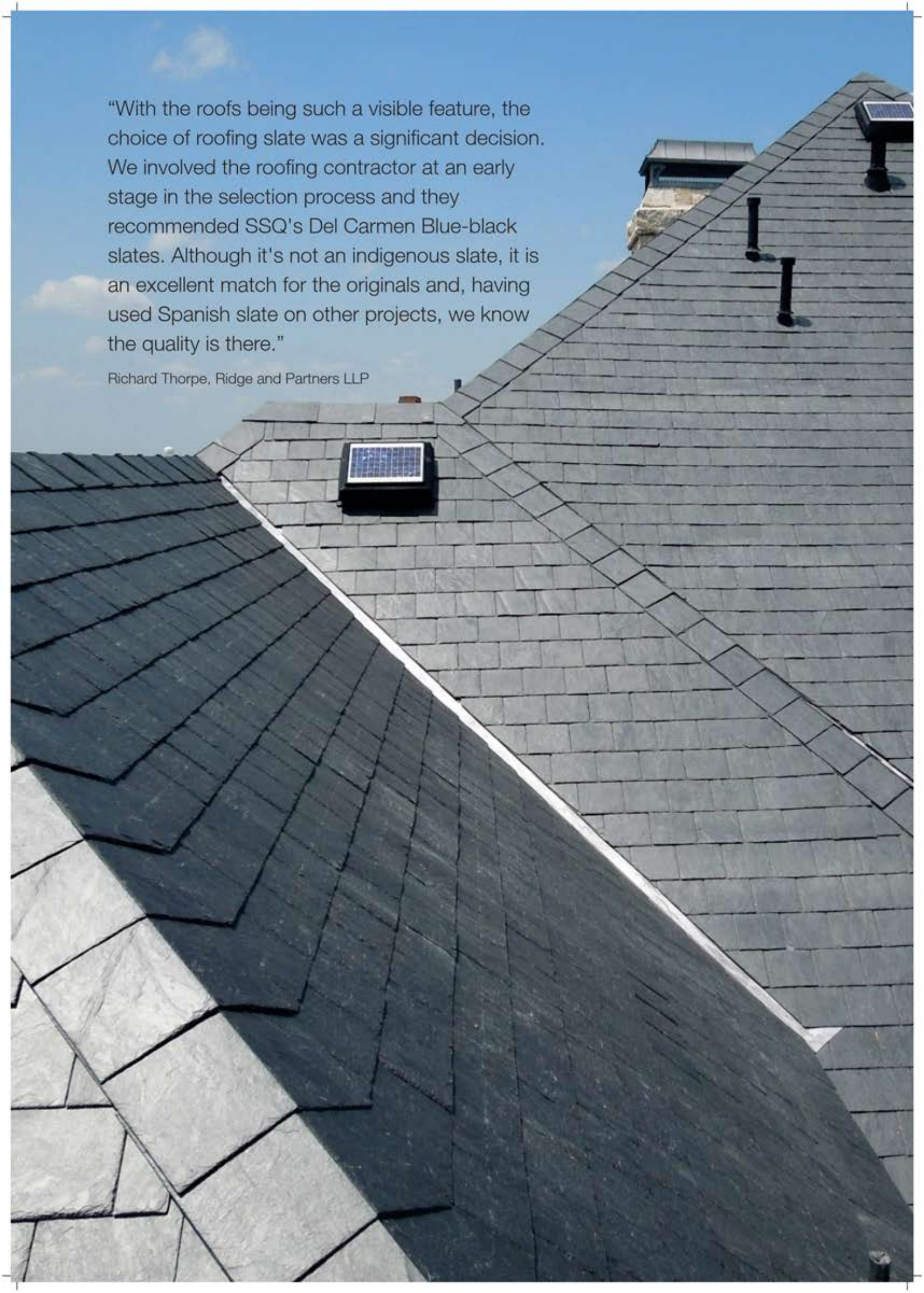
SSQ Del Carmen® First, blue-black





“With the roofs being such a visible feature, the choice of roofing slate was a significant decision. We involved the roofing contractor at an early stage in the selection process and they recommended SSQ's Del Carmen Blue-black slates. Although it's not an indigenous slate, it is an excellent match for the originals and, having used Spanish slate on other projects, we know the quality is there.”

Richard Thorpe, Ridge and Partners LLP





## Product profile

SSQ Del Carmen slate is mined at the Del Carmen quarry, one of the largest quarries in north-west Spain. The quarry is located in the Cabrera Mountains, an area that contains uninterrupted seams of high-quality slate. SSQ's long-term partnership with the Del Carmen quarry has led to the production of exceptionally high-quality roofing slate for over a decade.

In addition to passing SSQ's own, rigorous quality-control tests, SSQ Del Carmen® First roofing slate has been tested in accordance with EN 12326, carries the CE marking and is classified as 'A1, T1, S1'.\*

SSQ Del Carmen roofing slate has been accepted by many of the UK's heritage agencies for use on restoration projects or within conservation areas.

\* Test results are available on request.

## Appearance

SSQ Del Carmen roofing slate has a distinctive riven texture; the deep blue-black colour is totally natural and will not fade, even in the strongest sunlight.

## Guarantee

SSQ Del Carmen® First, roofing slate is covered by a 75-year guarantee.

## Minimum headlap for fixing slates with nails or hooks according to BS 5534:2003

### Moderate exposure (< 56.5 l/m<sup>2</sup> per spell)\*

Size (mm)	Rafter pitch								
	20°	22.5°	25°	27.5°	30°	35°	40°	45°	80°
600 x 300	115	105	95	85	80	70	60	55	-
500 x 300	115	105	95	85	80	70	60	55	-
500 x 250	115	105	95	85	80	70	60	55	50
450 x 300	-	-	-	-	80	70	60	55	50
400 x 250	-	-	-	-	80	70	60	55	50
400 x 200	-	-	-	-	80	70	60	55	50

### Severe exposure (≥ 56.5 l/m<sup>2</sup> per spell)\*

Size (mm)	Rafter pitch								
	20°	22.5°	25°	27.5°	30°	35°	40°	45°	80°
600 x 300	145	130	120	110	100	90	80	70	-
500 x 300	-	130	120	110	100	90	80	70	-
500 x 250	-	130	120	110	100	90	80	70	65
450 x 300	-	-	-	-	100	90	80	70	65
400 x 250	-	-	-	-	100	90	80	70	65
400 x 200	-	-	-	-	100	90	80	70	65

## Size and weight

Size (mm)	Thickness (mm)	Weight per 1000 (kg)
600 x 300	5 - 7	3024
500 x 300	5 - 7	2520
500 x 250	5 - 7	2100
450 x 300	5 - 7	2268
400 x 250	5 - 7	1680
400 x 200	4 - 6	1120

## Coverage

### Nail fixing method

Size (mm)	Lap (mm)											
	50	65	75	80	90	100	110	115	120	130	140	150
Number of slates/m <sup>2</sup>												
600 x 300	12.1	12.5	12.7	12.8	13.1	13.3	13.6	13.7	13.9	14.2	14.5	14.8
500 x 300	14.8	15.3	15.7	15.9	16.3	16.7	17.1	17.3	17.5	18.0	18.5	19.0
500 x 250	17.8	18.4	18.8	19.0	19.5	20.0	20.5	20.8	21.0	21.6	22.2	-
450 x 300	16.7	17.3	17.8	18.0	18.5	19.0	19.6	19.9	20.2	20.8	21.5	-
400 x 250	22.9	23.9	24.6	25.0	25.8	26.7	27.6	28.1	28.6	-	-	-
400 x 200	28.6	29.9	30.8	31.3	32.3	33.3	34.5	35.1	35.7	-	-	-

(NB: No allowance has been made for wastage\*)

### Hook fixing method

Size (mm)	Lap (mm)								
	50	65	75	80	85	90	95	100	105
Number of slates/m <sup>2</sup>									
600 x 300	12.1	12.5	12.7	12.8	12.9	13.1	13.2	13.3	13.5
500 x 300	14.8	15.3	15.7	15.9	16.1	16.3	16.5	16.7	16.9
500 x 250	17.8	18.4	18.8	19.0	19.3	19.5	19.8	20.0	20.3
450 x 300	16.7	17.3	17.8	18.0	18.3	18.5	18.8	19.0	19.3
400 x 250	22.9	23.9	24.6	25.0	25.4	25.8	26.2	26.7	27.1
400 x 200	28.6	29.9	30.8	31.3	31.7	32.3	32.8	33.3	33.9

Size (mm)	Lap (mm)								
	110	115	120	125	130	135	140	145	150
Number of slates/m <sup>2</sup>									
600 x 300	13.6	13.7	13.9	14.0	14.2	14.3	14.5	14.6	14.8
500 x 300	17.1	17.3	17.5	17.8	18.0	18.3	18.5	18.8	19.0
500 x 250	20.5	20.8	21.0	21.3	21.6	21.9	22.2	22.5	-
450 x 300	19.6	19.9	20.2	20.5	20.8	21.2	21.5	21.9	-
400 x 250	27.6	28.1	28.6	29.1	-	-	-	-	-
400 x 200	34.5	35.1	35.7	36.4	-	-	-	-	-

(NB: No allowance has been made for wastage\*)

\* Please refer to the SSQ Natural Roofing Slate Design and Fixing Guide for full details (available on [www.ssqgroup.com](http://www.ssqgroup.com)).





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