

**Cardigan Sand & Gravel Co Ltd**

**TRADE PRICE LIST 2020**

SANDS – GRAVELS – DECORATIVE AGGREGATES

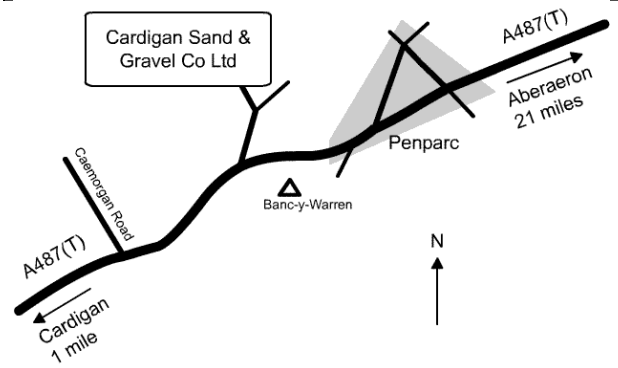
**Dear Customer**

We wish to advise you that our annual ex quarry rates adjustment increased prices with effect from 1st April this year. The new prices per tonne are listed here, exclusive of VAT. Prices are given ex-works at Penparc quarry and include Aggregate Tax. (Public Weighings are VAT inclusive)

European law requires new descriptions for sands and gravels, which have been included in this pricelist.

10% discount, on the ex-levy value of goods and services, may be given for card transactions, COD or cash with order on individual conveyances exceeding £50.00 in value only. Account application forms are available by request.

**HOW TO FIND US**



quarry@cardigansand.co.uk www.cardigansand.co.uk

To ensure that you enter the latest Website please update your memory cache on entry by depressing CTRL and F5 together

Tel: (01239) 612342 / 612560 Fax: (01239) 615238

**Cardigan Sand & Gravel Co. Ltd.**  
Penparc, Cardigan, Ceredigion SA43 1RB Est. 1959

**Special Offer: 1 tonne bag of 0/2 mortar sand XS-M1520**  
Delivered by crane lorry to SA35-38/41/43/45 for £60, for card/cash sales including VAT.

**DECORATIVE AGGREGATES**

**Ex Works Loose per tonne**

Pembs Pebble	10/20 grey plus brown flecks gravel TQ	£33.00
Limestone Duff	0/4mm limestone dust	£33.00
Blue Limestone	4/10mm OR 10/20mm s/sized chippings	£36.00
Grey Rhyolite MBRQ	10/20mm grey chippings	£36.00
Dove Grey Limestone	6/14mm 'single size' chippings	£58.00
Green Diorite	2/6.3mm roughcast green chippings	£58.00
Cambrian Green	8/16mm single size dolerite chipping	£74.00
Derbyshire Gold	4/20mm warm honey shingle	£74.00

\* Restricted production - subject to quantity and notice

Materials held in stock may vary subject to demand.  
VAT chargeable on all orders.

**A wider selection of decorative products including 25kg bags available only on our website at [www.cardigansand.co.uk](http://www.cardigansand.co.uk)**

**PACKAGING\* (Excludes Product)**

Bongo Bags (non-returnable)	Per 720kg/ 1200kg	£11.00
Bongo Bags on Pallets (non-returnable)	Per 720kg/ 1200kg	£17.50
Tiny Tubs delivered by courier	Per 20kg approx	£21.60

**OTHER SERVICES**

**Riding Arenas**

Innovative Sand School solution based on a proven engineered design  
Tel: (01239) 612342 Fax: (01239) 615238

Or visit <http://www.cardigansand.co.uk/collections/riding-menages>

**Public Weighings - Inc. VAT**

Contract Weighing: £6.30  
Same Day Contract Double Weighing (Gross/Tare): £8.30  
Non-contract Weighing: £8.30  
Same Day Non-contract Double Weighing (Gross/Tare): £10.50  
Individual Approximate Axle Weighing: Extra £2.20

**USEFUL INFORMATION**

**How much will I need?**

Sand	length (ft) × width (ft) × depth (in) ÷ 265 = tonnes... + waste
	length (m) × width (m) × depth (m) × 1.6 = tonnes... + waste
Gravel	length (ft) × width (ft) × depth (in) ÷ 250 = tonnes... + waste
	length (m) × width (m) × depth (m) × 1.7 = tonnes... + waste

One tonne of sand plasters approximately 30m<sup>2</sup> of wall 20mm thick

One tonne of masonry sand lays approximately:

1000	×	4½	×	9	×	3	inch bricks
600	×	4	×	18	×	9	inch solid blocks
400	×	6	×	18	×	9	inch solid blocks
200	×	9	×	18	×	9	inch solid blocks

**How much all-in aggregate should I use?**

Nominal Mix			Approx. 28 day Cube Strength	Cement by Volume	Ballast by Volume	Kg of cement per tonne All-in Aggregate
Cement	Sand	Stone				
1	1.5	3	25 MPa	1	4	200
1	2	4	21 MPa	1	5	150
1	3	6	10 MPa	1	8	100
1	4	8	7 MPa	1	10	75

One tonne of all-in aggregate produces approx. 0.5m<sup>3</sup> concrete. Nominal cylinder crushing strengths are approx 80% of cube strengths.

**QUARRY TRADING HOURS**

**Mon – Fri** 8.00 am to 5.30 pm  
**Saturdays** 8.00 am to 12.00 noon

**WE DO NOT CLOSE FOR LUNCH**  
Closed Good Friday, Easter Saturday,  
All Bank Holidays and the Christmas Shutdown  
From 4:30pm on 22/12/2020 to 8:00am on 04/01/2021

**AGGREGATE LEVY**

This levy took effect from 1st April 2002. The Aggregate Tax expected for this year is £2.00 per tonne, and this tax is included in our prices. Relief from the tax, where available can be obtained by completing the requisite documents (available from our office) prior to supply.

## NATURAL SANDS & ROCK FINES

EN Size (mm)	Material Description	Price per tonne
0/0.25	Cycloned Cubicare (sand/clay blend) (f <sub>10</sub> <10%) : (7-10%) WC/WFS + WC	£8.70
0/0.25	Cycloned Childrens Playpit Sand (f <sub>5</sub> <5%) : (0-5%) WSP	£10.90
0/0.25	Cycloned Bedding Sand/Blinding Sand (f <sub>10</sub> <10%):(3-10%) WF	£10.40
0/0.25	Screened Bedding Sand/Blinding Sand (f <sub>10</sub> <10%) : (0-10%) WFS/FMP+ WFS	£8.40
0/0.25	Cycloned Manege Sand (for riding arenas) (f <sub>5</sub> <5%) : (0-5%) WM	£10.90
0/6	Screened Sedimentary Dust SRFFQ	SSD £17.50
0/4	Semi-Washed Coarse Sand Fill / Cable Sand (CYE SWS)	SWS £17.50
0/2	Mortar Sand for Anhydrite Screeds (Dry)	F2 XS £21.60
0/4	Levelling Screed Sand MP	BLM £32.60
0/2	Washed Fine Masonry Building Sand FP (face brick XG)	FMP £17.50
0/2	Premium Washed Fine Masonry Building Sand FP (face brick XG)	F2 £21.60
0/2	Washed Fine Masonry Building Sand FP (multipurpose XS)	F2 £21.60
0/2	Premium Washed Fine Masonry Building Sand FP (multipurpose XS)	FCB £22.60
0/2	Washed Fine Plastering Sand FP (general finish XB)	FCB £22.60
0/4	Washed Medium Plastering Sand MP (plastering/rendering XA) *	BLM £32.60
0/4	Lime Mortar Sand (Grey) for General Building Works	BLM £32.60
0/4	Lime Mortar Sand for Dubbing Out, Stipple Coats and Base Coats	BLM £32.60
0/2	Lime Mortar Sand for Smooth Fine Finishing Coats over 10mm thick	FCB £22.60
0/1	Lime Mortar Sand for Smooth Fine Finishing Coats less than 5mm thick	FMP £17.50
0/2	Asphalt Sand for Hot Rolled Asphalt	F2 £21.60
0/2	Concrete Sand FP (fine XF)	F2 £21.60
0/4	Concrete Sand MP (medium XM) *	BLM £32.60
0/4	Concrete Sand CP (coarse XC) *	BLM £32.60
0/4	Selected Washed Fine Aggregate for un/hydr. bound material (paver laying course sand categories II, III and IV) *	BLM £32.60
0/1	Rootzone Sand for winter games pitches	FMP £17.50
0/1	Fine Top Dressing Sand for winter games pitches	FMP £17.50
0/2	Coarse Top Dressing Sand for winter games pitches	FCB £22.60
0/2	Bunker Sand for links courses	FMP £17.50
0/2	Bunker Sand for inland/parkland courses *	FCB £22.60
0/4	Slit Drainage Sand *	FCB/BLM £32.60
0/4	Slit Drainage Gritsand *	£32.60
	— Bespoke Mixes (paddle-mixed to customer specification)	£45.70

\* Restricted production - subject to quantity and notice

### SAMPLES (for Packaging see over)

Sample Tubs of up to 4 products can be delivered by courier for £32.60 inc VAT. Includes approx 20kg of products.

## GRAVELS & ROCK PRODUCTS

EN Size (mm)	Material Description	Price per tonne
2/6.3	Single Sized Concrete Gravel/Igneous Rock GW (6mm [¼"] s.sized) *	£22.60
4/10	Single Sized Concrete Gravel/Igneous Rock GW (10mm [⅜"] s.sized) *	£22.60
10/20	Single Sized Concrete Gravel/Igneous Rock GW (20mm [¾"] s.sized) *	£22.60
20/40	Single Sized Concrete Gravel/Igneous Rock GW/AG (40mm [1½"] s/s) *	£22.60
4/20	Graded Concrete Gravel/Igneous Rock GW (20mm [¾"] graded) *	£22.60
0/10	All-in Concrete Gravel/Igneous Rock GW/AG (10mm [⅜"] all-in) *	£22.60
0/20	All-in Concrete Gravel/Igneous Rock GW/AG (20mm [¾"] all-in) *	£22.60
2/6.3	Laying Course Material for Porous Pavements/Igneous Rock GW/AG *	£22.60
2/6.3	Coarse Aggregate/Igneous Rock for unbound material GW (6mm [¼"] s/s) *	£22.60
2/6.3	Coarse Gritstone/Igneous Rock for unbound material GW (6mm [¼"] s/s) *	£22.60
4/10	Coarse Aggregate/Igneous Rock for unbound material GW (10mm [⅜"] s/s) *	£22.60
10/20	Coarse Aggregate/Igneous Rock for unbound material GW (20mm [¾"] s/s) *	£22.60
4/20	Graded Aggregate for un/hydraulically bound material (20mm [¾"] graded) *	£22.60
0/10	All-in Aggregate for un/hydraulically bound material (10mm [⅜"] all-in) *	£22.60
0/20	All-in Aggregate for un/hydraulically bound material (20mm [¾"] all-in) *	£22.60
0/20	Imported Stone Rock Crusher Run (¾") CQ	£27.00
0/40	Imported Stone/Igneous Rock Scalplings (1½" scalplings) AG	£19.00
0/150	Imported Stone/Igneous Rock Crusher Run (6") GW	£19.00
40/80	Graded Hardcore Gravel & Igneous Rock (3") *	£19.00
0/40	Imported Granular/Igneous Rock Sub Base Type 1 BC	£22.60
80/150	Igneous Gabion Stone	£22.60

Selected non-calcareous uncrushed gravels available to order

Prices for our wide selection of decorative sands and gravels can be found over the page and on our website [www.cardigansand.co.uk](http://www.cardigansand.co.uk)

### TRANSPORT ELEMENT ONLY - ADD PACKAGING SEE REVERSE\*

Delivery Method	Postcode	Price
Tonne bags by crane lorry	SA 19, 31-34, 39, 40, 42, 46-48, 61-73, SY 23, 25	£32.60
Tonne bags by crane lorry	SA 35-38, 41, 43-45	£21.60
Tonne bags by tail-lift lorry	All SA postcodes - Local Zone Rate	£35.00
Loose Loads of up to 4.1, 11.3, 16.0 or 20.0 Tonnes	Telephone 01239 612342 or email <a href="mailto:quarry@cardigansand.co.uk">quarry@cardigansand.co.uk</a> for a haulage quote	

### GEOTEXTILE MEMBRANES/FIBRES

Product	Description	Price
Lotrak 2300	4.5m x 100m rolls	per roll £286.00
Lotrak 2300	4.5m wide cut lengths 0-10 metres long	per metre £4.00
Lotrak 2300	4.5m wide cut lengths 11-99 metres long	per metre £3.00
DURUS S200	45mm Fibres in 2.3kg bags	Per kg £6.50

20a

LOOSE HAULAGE QUOTED SEPARATELY ON REQUEST OR VISIT [WWW.CARDIGANSAND.CO.UK](http://WWW.CARDIGANSAND.CO.UK) FOR AN APPROXIMATE PRICE

## COARSE AGGREGATES (GRAVELS)

### SINGLE SIZED AGGREGATES FOR CONCRETE

(Relevant Standards: BS882:1992 and BSEN12620 / PD6682-1:2003 Table C1)

'Single' sized aggregates vary little in grain size. A 10/20 single sized aggregate, for example, will have less than 20% of its mass pass through a 10mm sieve, and less than 15% retained on a 20mm sieve.

**2/6.3mm Single Sized Concrete Aggregate Gravel** (1/4" single sized) is a fine gravel used for specialist applications. G<sub>c</sub>80/20

**4/10mm Single Sized Concrete Aggregate Gravel** (3/8" single sized) is a gravel constituent for fine concrete mixes. G<sub>c</sub>85/20

**10/20mm Single Sized Concrete Aggregate Gravel** (3/4" single sized) is a gravel constituent for both reinforced and un-reinforced concrete construction. G<sub>c</sub>85/20

**20/40mm Single Sized Concrete Aggregate Gravel** (1 1/2" single sized) is a gravel constituent for un-reinforced concrete construction. G<sub>c</sub>85/20

### GRADED AGGREGATES FOR CONCRETE

(Relevant Standards: BS882:1992 and BSEN12620 / PD6682-1:2003 Table C1)

Graded aggregates comprise a wider range of grain sizes than single sized aggregates. A 4/20mm graded aggregate, for example, will have less than 15% of its mass pass through a 4mm sieve, at least 35% pass through a 10mm sieve, and less than 10% retained on a 20mm sieve.

**4/20mm Graded Concrete Aggregate Gravel** (20mm [3/4"] graded). G<sub>c</sub>90/15

### ALL-IN AGGREGATES FOR CONCRETE

(Relevant Standards: BS882:199 and BSEN12620 / PD6682-1:2003 Table E1)

All-in aggregates, also known as all-in ballasts or mixed ballasts, do not require the addition of fine aggregate (sand), but do require the addition of a cement (e.g. ordinary Portland Cement) to make concrete.

**0/10mm All-in Concrete Aggregate Gravel** (10mm [3/8"] all-in). G<sub>A</sub>90

**0/20mm (3/4") All-in Concrete Aggregate Gravel** (20mm [3/4"] all-in). G<sub>A</sub>90

### SINGLE SIZED AGGREGATES FOR UNBOUND MATERIALS

(Relevant Standards: DOT and Water standards; BSEN13242 / PD6682-6:2003)

Used for pipe bedding haunching and surrounding material. The material selected will vary according to the nature of the pipe.

**2/6.3mm S.Sized Aggregate for un/hydr. bound material** (6mm [1/4"] single sized). G<sub>c</sub>80/20 and G<sub>Tc</sub>20/15

**4/10mm S.Sized Aggregate for un/hydr. bound material** (10mm [3/8"] single sized). G<sub>c</sub>80/20 and G<sub>Tc</sub>20/15

**10/20mm S.Sized Aggregate for un/hydr. bound material** (20mm [3/4"] single sized). G<sub>c</sub>80/20 and G<sub>Tc</sub>20/15

### GRADED AGGREGATES FOR UNBOUND AND HYDRAULICALLY BOUND MATERIALS

(Relevant Standards: Specification for Highway Work; Water standards; BSEN13285; BSEN13242 / PD6682-6:2003)

Used for pipe bedding haunching and surrounding material. The material selected will vary according to the nature of the pipe.

**4/20mm Coarse Aggregate for un/hydr. bound material** (20mm [3/4"] graded). G<sub>c</sub>85/15 and G<sub>Tc</sub>20/17.5

### ALL-IN AGGREGATES FOR UNBOUND AND HYDRAULICALLY BOUND MATERIALS

(Relevant Standards: Specification for Highway Work; Water standards; BSEN13242 / PD6682-6:2003)

Used for pipe bedding haunching and surrounding material. The material selected will vary according to the nature of the pipe.

**0/10mm All-in Aggregate for un/hydr. bound material** (10mm [3/8"] all-in). G<sub>A</sub>80 and G<sub>T<sub>A</sub></sub>20

**0/20mm All-in Aggregate for un/hydr. bound material** (20mm [3/4"] all-in) . G<sub>A</sub>80 and G<sub>T<sub>A</sub></sub>20

### LAYING COURSE MATERIAL FOR POROUS PAVEMENTS

(Relevant Standards: Interpave Guide for Porous Pavements)

**2/6.3mm Laying Course Material for porous pavements**  
No equivalent European specification.

### CRUSHER RUN GRAVELS AND HARDCORES

(Relevant Standards: Specification for Highway Work; Water standards)

**0/40mm Gravel Crusher Run** (40mm [1 1/2"] Crusher Run) is a crushed gravel ranging in size from 40mm to dust, used especially for structural fill and the construction of private driveways. This material is not suitable for beneath brick paving in frost-susceptible areas.

**40/80mm Graded Hardcore Gravel** (80mm [3"] Hardcore) is used as a free-draining general fill.

### SUB BASES, SCALPINGS AND STONE CRUSHER RUNS

(Relevant Standards: Specification for Highway Work; Water standards)

**0/40mm Imported Stone Scalpings** (40mm [1 1/2"] Crusher Run Limestone)

**0/80mm Imported Stone Crusher Run** (80mm [3"] Crusher Run Limestone)

These products are as gravel crusher runs, but are not frost-susceptible and, in the case of scalpings, may contain elongated particles.

**0/40 Imported Granular Sub Base Type 1 (Limestone)** is a limestone sub base formulated to SHW specifications. The sub base layer is the layer beneath the road base and wearing courses for a tar-macadam or bituminised road.

## DECORATIVE AGGREGATES

### DECORATIVE SANDS AND GRAVELS

The natural textures and colours of our decorative aggregates provide the palettes of gardeners, landscapers and architects with honey golds and earthy browns, delicate pinks and greys, warm reds, sparkling whites, dramatic dark blues and subtle greens.

Our decorative sands and gravel are ideal for floral displays, water gardens, driveways, pebble dashing, spar wall finishes and more.

For more information on our decorative aggregates, including full-colour scale photographs, see our website at.

## FINE AGGREGATES (SANDS)

### WASHED MASONRY MORTAR SANDS

(Relevant Standards: BS1200 AMD4150 and BSEN13139 / PD6682-3:2003 Table A1)

**0/2mm Washed Fine Masonry Build Sand FP** (face brick XG) is a plain, natural, soft (i.e. subrounded) sand for mortar pointing and brickwork, especially for narrow joints. A premium variant incorporates larger grains for a stronger mortar. Fines categories 3, 2 and 1.

**0/2mm Washed Fine Masonry Build Sand FP** (multi-purpose XS) is a natural mortar sand for plain and reinforced brickwork, blockwalling and masonry. A premium variant incorporates larger grains for a stronger mortar. Fines categories 3, 2 and 1.

### WASHED PLASTERING AND RENDERING SANDS

(Relevant Standards: BS1199 AMD5126 and BSEN13139 / PD6682-3:2003 Table A1)

**0/2mm Washed Fine Plastering Sand FP** (general finish XB) is a general sand for external renderings, internal cement and lime plastering. Fines categories 2 and 1.

**0/2mm Washed Medium Plastering Sand MP** (plastering/rendering XA) is similar, but has a coarser grading, and hence a larger average grain size. Fines categories 2 and 1.

### BLINDING SAND / BEDDING SAND

(Relevant Standards: BSEN13242 / PD6682-6:2003)

This is a fine 0/0.250mm sand used to 'blind' consolidated fill before laying an impermeable damp proof membrane in order to prevent puncture of the membrane. Agricultural applications include the construction of sand platforms for the storage of big bale silage etc., to reduce vermin damage, and as a substitute for Cubicare in enclosed stockyards. G<sub>F</sub>85 GT<sub>F</sub>20 f<sub>8</sub>

### LEVELLING SCREED SANDS

(Relevant Standards: BS882:1992)

**0/4 Levelling Screed Sand MP** is a sand for levelling screeds under 50mm thick. The European standard does not provide a classification, consequently declared gradings and tolerances must be agreed between users and specifiers.

### CUBICARE

This is a sand/silt/clay blend which has been screened of grit for use as a winter bedding in the dairy industry and for other agricultural uses.

### WASHED CONCRETING SANDS

(Relevant Standards: BS882 and BSEN12620 / PD6682-1:2003, Table D1)

**0/2mm Concrete Sand FP** (fine XF) is a fine aggregate for the production of concrete as supplied to RMC Ready Mix Concrete and other volume users. G<sub>F</sub>85 f<sub>5</sub>

**0/4mm Concrete Sand MP** (medium XM). G<sub>F</sub>85 f<sub>3</sub>

**0/4mm Concrete Sand CP** (coarse XC). G<sub>F</sub>85 f<sub>3</sub>

These sands have progressively coarser gradings than the FP variant.

### LAYING COURSE SANDS FOR CLAY, STONE OR CONCRETE PAVERS

(Relevant Standards: BS7533 parts 3- 4:1997, BSEN13242/PD6682-6:2003 and Interpave Guide for Porous Pavements)

**Selected Washed Fine Aggregate for unbound and hydraulically bound material:**

**Category II** is for roads and adopted highways; petrol station forecourts; pedestrianisation projects receiving regular heavy traffic and footways regularly overridden by traffic. G<sub>F</sub>85 GT<sub>F</sub>20 f<sub>1.5</sub>

**Category III** is for car parks with no heavy traffic and pedestrianisation projects receiving occasional heavy traffic. G<sub>F</sub>85 GT<sub>F</sub>20 f<sub>3</sub>

**Category IV** is for private drives. G<sub>F</sub>85 GT<sub>F</sub>20 f<sub>4</sub>

### COHESIVE FILL

Comprises the fine sand silts and clays removed from construction sands during our extensive sand washing process. It is suitable for dam building, raising land levels etc.

## HERITAGE AND CONSERVATION SANDS

**Sands for Lime Mortars (various)**

**Conservation Sands (to English Heritage gradings)**

Please request a Heritage and Conservation Sands price list for more details.

## RIDING ARENA AND SPORTS SURFACES

### MANEGE SAND

(Relevant Standards: BSEN13242 / PD6682-6:2003)

Especially formulated 0/0.250mm washed processed sand for use in the construction of engineered riding arenas. G<sub>F</sub>85 GT<sub>F</sub>20 f<sub>2</sub>

Our engineered riding arenas retain the 'foreshore effect' even in heavy rain conditions thanks to the capillary and draining properties of the materials used - these materials are tailored to the drainage characteristics of your site.

For extensive detail on our method, see:

[www.cardigansand.co.uk/collections/riding-menages](http://www.cardigansand.co.uk/collections/riding-menages)

### SPORTS SURFACES

We produce fine and coarse top dressing sands, root-zone sand, slit drainage sand and bunker sands for links, inland and parkland courses, all to Sports Turf Research Institute standards. See our website for more details.

## BESPOKE AGGREGATES

**Bespoke Aggregates** such as low-calcareous uncrushed gravels to European specifications, industrial mortar sands, specialised lime mortar and rendering sands and other specialist gradings can be produced using our sophisticated blending process. Details and prices on application.