



Aggregates

North West Recycling Ltd Product Handbook

Quarried Aggregates

Type 1 Sub Base



USED FOR:

- ▶ Very solid base layer due to different sized interlocking stones from 50mm to dust.
- ▶ Dig top soil off, use 150mm (6") to 200mm (8") for a durable track for cars.
- ▶ If heavier traffic (trucks/ tractors) then 300mm (12") Class 1c and then blinded off with 50 – 100mm (2-4") type 1 sub base.
- ▶ 150mm (6") layer under concrete
- ▶ 100mm (4") layer under block paving

PERMIT REQUIRED?: No

PRODUCTION: Quarried

ON SITE: Bought in

CONVERSION RATE: 2 tons per cubic metre

NOTES:

- ▶ Better if compacted by using a vibrating roller or whacker plate.

Building Sand



USED FOR:

- ▶ Used for laying blocks or bricks.
- ▶ Mixed with cement to make mortar used in walls.

PERMIT REQUIRED?: No

PRODUCTION: Quarried

ON SITE?: Bought In

CONVERSION RATE: 1.6 tonnes per cubic metre

NOTES:

- ▶ Some builders prefer sharper concreting sand for the mortar joint for breeze blocks.

Paving Sand



AKA: Grit Sand

USED FOR:

- ▶ This is a coarse sand ideal for block paving and screeding floors.

PERMIT REQUIRED?: No

PRODUCTION: Quarried

ON SITE?: Bought In

PRICING:

CONVERSION RATE: 1.6 tonnes per cubic metre

NOTES:

- ▶ Block paving – use 50mm (2”) paving sand on top of 100mm (4”) type 1 sub base (compacted), then use silica sand in joints to firm them up.
- ▶ Screeding floors – mix with cement to make a coarse sandy concrete mix to lay indoor floors in houses/ garages (50-100mm/ 2”-4”)

All In One Concreting Sand



AKA: All in One Gravel

USED FOR:

- ▶ Mixed with cement and water to make concrete, used for concreting floors, driveways, paths etc.

PERMIT REQUIRED?: No

PRODUCTION: Quarried

ON SITE?: Bought In

CONVERSION RATE: 1.6 tonnes per cubic metre

NOTES:

- ▶ This is a blend of 20mm gravel and concreting sand.

10 ml Gravel



AKA: Pea Gravel

USED FOR:

- ▶ Used for drainage or pipe bedding
- ▶ Upper layer of soakaway.

PERMIT REQUIRED?: No

PRODUCTION: Quarried

ON SITE?: Bought In

CONVERSION RATE: 1.92 tonnes per cubic metre

NOTES:

- ▶ Layer of 10ml gravel in bottom of trench – lay pipe on gravel then cover with 10ml gravel.

20 ml Gravel



USED FOR:

- ▶ Drainage material
- ▶ Garden paths and driveways.

PERMIT REQUIRED?: No

PRODUCTION: Quarried

ON SITE?: Bought In

CONVERSION RATE: 1.92 tonnes per cubic metre

NOTES:

- ▶ Mostly used as a decorative gravel on paths/ driveways over a compacted type 1 sub base layer of 100mm (paths) or 150mm (driveways)
- ▶ Just requires a thin layer 25-50mm (1-2")
- ▶ Cheapest finish layer

Recycled Aggregates

Recycled Class 1C Rubble



AKA: Brick Rubble

USED FOR:

- ▶ Farm tracks.
- ▶ Yard construction.
- ▶ Shed bases.
- ▶ Foundations.

PERMIT REQUIRED?: No permit required as covered by Wrap Protocol Class 1C

PRODUCTION:

Segregated from construction & demolition skips, soil and fines screened out and final quality hand pick to remove any contaminants.

ON SITE?: Yes

CONVERSION RATE: 2 tonnes per cubic metre

NOTES:

- ▶ Size approx. 300mm (12") down
- ▶ Cheapest form of stone fill

6F5 Recycled Crushed Class 1C Rubble



USED FOR:

- ▶ Farm tracks.
- ▶ Yard construction.
- ▶ Gateways.
- ▶ Foundations.

PERMIT REQUIRED?: No permit required as covered through Wrap Protocol Class 1C and then crushed to produce 6F5.

PRODUCTION:

Segregated from construction & demolition skips, soil screened out, then final quality hand pick, then crushed to approx 100mm (4") down.

ON SITE?: Yes

CONVERSION RATE: 2 tonnes per cubic metre

NOTES:

- ▶ Will contain brick and cement fines after crushing.
- ▶ Better if compacted with track machine or vibrating roller to consolidate and provide even surface.
- ▶ To provide a better finish then top off with a layer of Type 1 sub base again compacted..

Screened Soil



USED FOR:

- ▶ Lawns
- ▶ Under turf
- ▶ Grading up existing soil
- ▶ Filling in ponds

PERMIT REQUIRED?: U1 exemption

PRODUCTION:

All top soil skips are tipped separately then put through a screening process to remove stones, weeds and other debris, then passed through magnet.

ON SITE?: Yes when available

CONVERSION: 2 tonnes per cubic metre

NOTES:

- ▶ This can be collected from site or delivered to your door in a skip or in bulk loads.
- ▶ 1 ton covers 10m² at 100mm depth.
- ▶ Size – 20mm down