



# CES Quarry Products Ltd

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**Aughrim - Dunavil - Murlough - Edendarriff - Castlenavan - Doran's Rock - Moneyreagh**

**Conforms with – BS EN 12620 & BS EN 13043**

## **CES Quarry Stone**

### **Quarry Stone**

**CES have four Quarries strategically placed around Co Down ensuring best delivery time and competitive prices on our Aggregate products.**

**With the adoption of innovative product development combined with a long life asset and reserve base we are confident of providing reliable high quality aggregates to our customers into the next generation.**

**Our Aggregates are also used in CES BSI approved Ready Mixed Concrete Products BS EN 206-1 and Concrete block range which conforms to BS EN 771-3.**

**CES aggregates are an excellent shape and of the highest quality horn fells and grey wacke grit stone with +65 psv screenings being exported for high skid resistance motorway surfacing and are produced and supplied in accordance with BS EN 12620 & BS EN 13043 standards.**



***CES take their Environmental and Health & Safety responsibilities seriously and have implemented a continuous improvement campaign.***

#### **HEALTH & SAFETY WARNING**

Please take care when using our products. In the event of an accident please seek medical attention immediately.  
Always wear the relevant PPE gear when working with our products.



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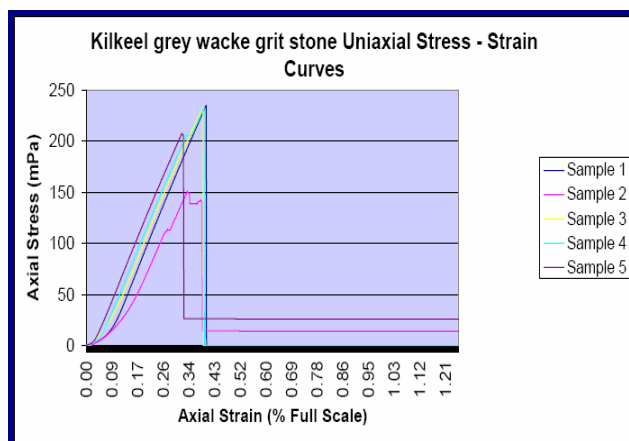
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## CES Quarry Stone - Technical Advice

| Purpose   | Material Guide                       |
|---|--------------------------------------|
| Sub floors, road ways & car parks                             | 100mm crusher run & 50mm crusher run |
| Finished grading level for sub floor, road ways and car parks | Blinding                             |
| Drainage stone  | 100mm clean<br>50mm clean            |
| Finished driveways or aggregate for concrete                  | 19mm screenings                      |
| Pipe bedding  | 6mm screenings                       |
| Flag laying   | Dust                                 |

NB - Material Guide is only an average approximation of material uses. If unsure please ask your contractor to specify exactly, to meet your requirements

| Physical Properties of grey wacke grit stone |                       |                     | Chemical properties of grey wacke grit stone |       |
|--|-----------------------|---------------------|--|-------|
| AAV  | 3.8%                  | BS EN 1097 Pt8 2000 | Silica Oxide                                 | 64.6% |
| AIV  | 11%                   | BS EN 1097 Pt2 2000 | Aluminium Oxide                              | 13.4% |
| 10% Fines Value (Dry)                        | tbc                   |                     | Iron/Ferric Oxide                            | 5.6%  |
| 10% Fines Value (Wet)                        | 240KN                 | BS EN 1097 Pt2 2000 | Manganese Oxide                              | 3.6%  |
| Particle Density (Oven Dry)                  | 2.68Mg/m <sup>3</sup> |                     | Calcium Oxide                                | 2.2%  |
| Particle Density (Saturated Surface Dry)     | 2.69Mg/m <sup>3</sup> |                     | Sodium Oxide                                 | 2.6%  |
| Apparent Particle Density                    | 2.71Mg/m <sup>3</sup> |                     | Potassium Oxide                              | 2.9%  |
| Water Absorption                             | 0.5%                  | BS EN 1097 Pt3 1995 | Loss on Ignition                             | 3.7%  |



**Ready Mixed Concrete . Floor Screed . CES Super Screed  
Building & Plastering Mortar . Mini Mix Concrete . Concrete Block  
Quarry Stone . Lightweight Block**

*For info on our full range of products/services please call*

**CES Head Office on 0845 60 43 300 or visit [www.cesquarryproducts.com](http://www.cesquarryproducts.com)**