



UKCA Marking and Declaration of Performance

Tudor Griffiths Group, Wood Lane, Ellesmere, Shropshire, SY12 OHY

Certificate Number 12620 – CPD – TG006

21

Cefn Graianog Quarry, Llanllyfni, Penygroes, Gwynedd, LL54 6SY

0/4mm (Mp) Gf85 Fine aggregate (Sand)

BS EN12620

Aggregate for Concrete

| | | |
|--|--|---------------------------|
| Particle shape | Declared value | NPD |
| Particle size | Designation | 0/4 |
| Particle density | Declared value (Apparent) | 2.65 (mg/m ³) |
| Cleanliness | | |
| Fines quality | Pass/fail threshold value and category | NPD |
| Shell content | Category | NPD |
| Resistance to polishing | Category | NPD |
| Resistance to fragmentation/crushing | Category | NPD |
| Resistance to abrasion | Category | NPD |
| Resistance to wear | Category | NPD |
| Composition/content | | |
| Chlorides | Declared value | <0.001 (% C) |
| Acid soluble sulfates | Category | AS _{0.1} |
| Total Sulfur | Category | S _{0.1} |
| Carbonate Content | Declared value | 2.71 % |
| Drying Shrinkage | Declared value | 0.018 % |
| Water absorption | Declared value | 0.9 (% WA) |
| Emission of radioactivity | Declared values as requested | NPD |
| Release of heavy metals Release of polyaromatic carbons | Threshold values valid in the place of use | NPD |
| Release of other dangerous substances | e.g. substance X: 0.2µm ³ | NPD |
| Durability against alkali-silica reactivity | Declared value as requested | NPD |

Declaration of Performance

Tudor Griffiths Group confirms that the aggregate referred to in this UKCA certificate complies with the requirement of BS EN 12620 including Annex ZA attestation of conformity system 4.

Authorised by:

Huw Thomas

Date of Issue of Certificate:

01/01/2021

Date Valid to:

31/12/2021