



AGGREGATES: DETERMINATION OF PARTICLE SHAPE SHAPE INDEX

Aggregate:

| Particle size fraction mm | Mass of material retained g | Percentage of material retained % by mass |
|------------------------------|--------------------------------|--|
| 0 – 4 | | |
| 4 – 8 | | |
| 8 – 16 | | |
| 16 – 31,5 | | |
| 31,5 – 63 | | |

| Particle size fraction mm | Test portion mass g | Percentage of material retained % by mass | Mass of non-cubical particles g | Percentage of non-cubical particles % by mass | Percentage of non-cubical particles in whole aggregate % by mass | Shape index Category <i>SI</i> |
|------------------------------|------------------------|--|------------------------------------|--|---|-----------------------------------|
| 4 – 8 | | | | | | |
| 8 – 16 | | | | | | |
| 16 – 31,5 | | | | | | |
| 31,5 – 63 | | | | | | |

CONCLUSIONS: