

AFRISAM PRODUCT COMPARISON CHART

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| Cement | ALL PURPOSE 42,5N | ROADSTAB 32,5N | HIGH STRENGTH 42,5R |
| Description | A specially engineered superior quality cement for use in a wide variety of structural, residential, brick & block as well as masonry applications. | A specially engineered composite, high quality cement for use specifically in road stabilisation, ensuring uniform distribution of the stabilising agent throughout the stabilised layer. | Specially developed composite cement for use in brick and block making, reservoirs, precast operations, structural concrete, shotcrete and mining operations. |
| Types | CEM II B-M (L) | CEM II B-M (L) | CEM II/A-M (V-L) |
| Early Strength | Moderate strength gain ≥10MPa at 2 days | Slow strength gain ≥16MPa at 7 days | High strength gain ≥20MPa at 2 days |
| Strength | Between ≥42,5MPa and ≤62,5MPa at 28 days | Between ≥32,5MPa and ≤52,5MPa at 28 days | Between ≥42,5MPa and ≤62,5MPa at 28 days |
| Performance | Delivers normal performance, durability and workability. This is a premium general purpose cement. | Achieves superior stability across a broad range of road materials. | Offers consistent strength, workability and durability. Premium construction cement. |
| Carbon Footprint | It has a relatively low carbon footprint resulting from its use of mineral components. | It has a low carbon footprint resulting from its use of mineral components. | It has a moderate carbon footprint resulting from its use of mineral components. |
| Environment | A versatile product suitable for most applications in the built environment. | Suitable for road stabilisation (improves the engineering properties of soil by reducing plasticity and enhancing the load bearing properties of road-based materials). | A specially-developed composite cement for use in applications where high early and late strength is required. |
| Application | With correct mix designs this cement produces very high, medium and low strength concrete, mortar and plaster. | This cement is a specialist product, engineered to be used in road layer work applications. | With correct mix designs, this cement produces high and ultra high strength concrete. |



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Creating Concrete Possibilities

