

## Specifications:

| Parameters                   | Dimensions |  |
|------------------------------|------------|--|
| Length (mm)                  | 200        |  |
| Width (mm)                   | 200        |  |
| Thickness (mm)               | 60         |  |
| Pavers/m²                    | 26.66      |  |
| Pavers/ft²                   | 2.48       |  |
| Compressive Strength (N/mm²) | ≥ 45       |  |

### Load Factor:











## Special Features:

- Made in state-of-the-art Automated Plant from Germany
- First-rate material
- · Large range of design possibilities
- Variety of colours

#### Where to be used:

Sidewalks | Walkways | Parks | Patios | Driveways

## Colour Range:







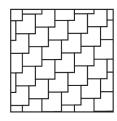






Laying Patterns:

Mix Blended Customized



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# <u>Technical Specification of Precast Concrete Pavers (Paving Block)</u>

## Product: Interlock Paver (200x200x60)mm

| S.No. | Description   | Asian Concreto       | Standard References              |  |
|-------|---|----------------------|----------------------------------|--|
|       |   |                      | Nepal Standard 593:2077          |  |
|       | Dimension of Specimen   |                      |                                  |  |
| 1     | Length mm   | 200                  | As per Actual                    |  |
|       | Width mm  | 200                  | As per Actual                    |  |
|       | Thickness mm  | 60                   | As per Actual                    |  |
|       | Aspect Ratio mm   | 3.33                 | Maximum 4                        |  |
|       | Arris/ Chamfer mm   | 7.2                  | Min 5, Max 7                     |  |
|       | Squareness mm   | Nil                  | Nil                              |  |
|       | Thickness of Wearing Layer mm   | > 6                  | Minimum 6mm                      |  |
|       | Dimension Tolerance   |                      |                                  |  |
|       | Length mm   | ± 1mm                | ± 2mm                            |  |
|       | Width mm  | ± 1mm                | ± 2mm                            |  |
| 2     | Thickness mm  | ± 1mm                | ± 1mm                            |  |
|       | Squareness mm   | ± 0mm                | ± 2mm                            |  |
|       | Thickness of Wearing Layer mm   | (+) 2mm              | (+) 2mm                          |  |
|       | Chamfer mm  | (+) 0.2mm            | ± 1mm                            |  |
|       | Surface Area of Paver   |                      | As per Actual                    |  |
| 3     | cm <sup>2</sup>   | 375                  |                                  |  |
| 4     | Volume of Specimen  | 2250                 | As per Actual                    |  |
|       | cm <sup>3</sup>   | 2250                 |                                  |  |
| 5     | Minimum Compressive Strength N/mm <sup>2</sup>  | ≥ 40                 | 35 N/mm²                         |  |
|       | 28 Days   |                      |                                  |  |
|       | Water Absorption  | 1 COV                | Maximum 6%                       |  |
| 6     | (%)   | < 6%                 |                                  |  |
| 7     | Dry Density   | 2250                 | 2250 kg/m³, ± 50 kg/m³           |  |
|       | kg/m³   |                      |                                  |  |
| 8     | Abrasion Resistance   | < 2mm                | Maximum 3mm                      |  |
|       | mm  |                      |                                  |  |
| 9     | Face Layer Pigment (Color)  | Synthetic or Natural | Synthetic or Nautral (Zinc       |  |
|       |   |                      | compound or organic dyes or Lead |  |
|       |   |                      | pigments shall not be used)      |  |
|       | Lable and Marking   |                      |                                  |  |
|       | Concrete paver block package shall be marked with the following information suitably:   |                      |                                  |  |
|       | a) Identification of the manufacturer,  |                      |                                  |  |
| 10    | b) Grade of paver blocks, and   |                      |                                  |  |
|       | c) Date of manufacture.   |                      |                                  |  |
|       | Note: The product should be adequately packed to identify above and also ensure products from manufacturer facility to the buyer facility during loading transport, unloading do not suffer any physical damage including chipping, cracking, deform or any other damage from actual product specifications |                      |                                  |  |





