# Driveway Extension Materials Guide

## Calculate your exact sub-base, sand, and paving blocks without overspending.

Planning a seamless block-paved addition is easier when you know exactly what lies beneath. Use this guide to map your structural layers and order precise bulk quantities.



## Key Excavation Depths & Ratios

**2.4 - 3 m**
added width for single-car extensions

**230 - 250 mm**
total excavation dig depth

**150 mm**
compacted Type 1 crushed stone

**30 - 50 mm**
sharp sand bedding layer depth

**1:60**
fall to lawn (16mm/m drop)

**6:1**
sand/gravel to cement haunching ratio

*Protect Your Lawn*

*Lay thick plywood sheets to create a temporary walkway. This prevents deep ruts and severe soil compaction when moving heavy wheelbarrows during the digging phase.*

## Essential Structural Techniques

1. **Haunched edge kerb** Bed perimeter kerbs on concrete and pack a heavy wedge behind them to prevent spreading.
2. **Screed off guide rails** Bury 20mm steel conduit in the sand and strike off flat before laying any blocks.
3. **Toothed-in seam** Power-wash the existing driveway, then remove alternating edge blocks to weave the new section seamlessly.
4. **Lock with jointing sand** Once blocks are cut and laid, sweep kiln-dried sand into joints and compact the surface.

## Per-Square-Metre Materials Chart

| Square Metres | MOT Type 1 | Sharp sand | Paving blocks | Jointing sand |
|---|---|---|---|---|
| 5 | 2 tonnes | 1 tonnes | 250 blocks | 1 bags |
| 10 | 4 tonnes | 1 tonnes | 500 blocks | 1 bags |
| 20 | 7 tonnes | 2 tonnes | 1,000 blocks | 2 bags |

Always order a 10% materials buffer on your paving blocks and sand for cutting waste.

## Choose Your Block Thickness

Find your row: **Intended vehicle use**

| Intended vehicle use | Your pick | Why |
|---|---|---|
| **Family cars and vans** | 50mm thick blocks | Handles standard daily stress |
| **Motorhomes or commercial** | 60mm thick blocks | Provides essential extra durability |

## Checks Before You Dig

- ○ Scan the planned footprint for buried underground utility cables.
- ○ Confirm your property boundary line matches your deed exactly.
- ○ Check local drainage regulations for non-permeable front garden paving.
- ○ Verify the sub-base allows a consistent fall away from masonry.

## Project Notes & Measurements

Enjoy your beautiful new driveway extension—built solidly from the ground up!