

# Case Study

## Applegreen Dunshaughlin Knocks, Mabestown, Co. Meath

**Main Contractor:** HML Limited

**Civil & Structural Engineer:** Donnachadh O'Brien

**Architect:** Demense Architects Limited

**Landscape Consultant:** Gannon and Associates

**Sector:** Commercial

**Region:** Leinster

**Year of Completion:** 2025



Kilsaran played a key role in the delivery of Applegreen's new flagship service station at Junction 6 on the M3 in Dunshaughlin, with the project driven primarily by the work of our Road Surfacing and Contracting team.

Our team delivered the full asphalt package for the development, managing every stage of the construction process. This included the complete build-up of base, binder and surface courses, all installed to withstand the high volumes of vehicle movement expected at a major national service station. In total, we constructed approximately 15,000 m<sup>2</sup> of access roads, footpaths and car parking areas.

We also supplied our Ready-Mix Concrete, Concrete Blocks, and a full range of Aggregates to support the main structural and groundwork elements of the build. These materials were used across forecourt foundations, structural blockwork, sub-base preparation and landscaped areas, ensuring strength, consistency and a high-quality finish throughout the site.

A selection of Kilsaran Paving products completed the public-facing areas. Our Newgrange Flags in Black Granite was installed in pedestrian zones for a clean, modern aesthetic look. Our Lismore 80mm charcoal blocks were used in parking and circulation zones. Silica sand was used for jointing the Lismore blocks and granite sand was used to joint the Newgrange flags to enhance appearance and reduce maintenance.

The result is a cohesive, durable and visually high-performing finish across the site, combining robust road surfacing with quality paving and concrete products to deliver a long-lasting and reliable overall solution.



### Kilsaran PRODUCTS

#### Road Surfacing:

- SMA 14 Surf PMB 65/105-60
- AC20 Dene Binder Course
- AC32 Base Course
- Climaphalt
- Porous Asphalt PA 14 SURF PMB65/105-60
- AC20 Open Binder Course

#### Concrete Products & Aggregates:

- Ready-Mix Concrete
- Concrete Blocks
- Aggregates

#### Paving:

- Newgrange Flags - Black Granite
- Lismore Blocks - Charcoal
- Silica Sand
- Granite Sand