Aggregate Type	Description	**Uses**
4.7mm aggregate,	also known as **fine aggregate**, serves several purposes in construction and infrastructure projects:	**1. Concrete Mixes**: Fine aggregates are essential components of **concrete mixes**. They pass through a 4.75mm sieve and help fill the spaces between larger coarse aggregates. Natural sand is a common fine aggregate used in concrete[1]. **2. Paving and Ready-Mixed Concrete**: Crushed limestone aggregates in the 4-20mm range are ideal for **3. paving** and **ready-mixed concrete** applications. They provide stability and durability in surfaces like roads and walkways[2]. **4**. **Water Filtration and Sewage Treatment**: Fine aggregates play a role in **water filtration** systems and **sewage treatment** processes
6.7mm aggregate,	also known as **6.7mm concrete stone**, serves various purposes in construction and infrastructure projects:	**1.Concrete Mix**: It's commonly used as an aggregate in **concrete mixes** for making products such as concrete walls, decorative cobblestones, and paving stones. Brick and block manufacturers also utilize it **2. Asphalt Industry**: In the asphalt industry, this aggregate finds application. **3. Stream Crossings**: It's used in **road construction**, especially for stream crossings. **4**. **Erosion Prevention**: It can be used to prevent erosion[1].
9.5mm aggregate	also known as **concrete stone**, serves several purposes in construction:	**1.Concrete Mix**: It's commonly used as an aggregate in **concrete mixes** for making products such as concrete walls, decorative cobblestones, and paving stones. Brick and block manufacturers also utilize it. **2.Asphalt Industry**: It finds application in the **asphalt industry**.
13.2mm aggregate	also known as **concrete stone**, serves several purposes in construction:	**1. Concrete Mixes**: It's ideal for smaller builders who mix concrete by hand or with small concrete mixers**. Used in the concrete industry, it contributes to the production of** concrete roads**,** curbing**, and** housing lintels[1]. **2. Pathways and Decorative Products**: It can be laid in **pathways** and is suitable for creating decorative products like **cobblestones** and **paving stones**. **3. Brick and Block Manufacturing**: Builders and manufacturers use it for brick and block production.
19mm aggregate	also known as **slag stone**, has versatile applications in construction:	**1. Concrete Mixes**: It's commonly used as an aggregate in **concrete**. Its durable composition contributes to the strength of concrete structures. **2. Filter Stone**: Widely employed as a **filter stone** in construction projects, it ensures efficient water flow and prevents soil erosion.
22mm aggregate	also known as *Type 6F2*, serves specific purposes in construction and civil engineering. Here's how it's typically used:	**1.Subbase Material**: Used as a **subbase layer** beneath roads, pavements, and driveways. Provides stability and load-bearing capacity for the upper layers[1]. **2.Site Access Roads**: Applied to create temporary **site access roads** during construction projects. Helps distribute loads and prevent soil erosion[1]. **3.Hardcore Layer**: Used as a **hardcore layer** in construction works. Provides a solid base for further construction activities[2].
38mm blinding	aggregate serves several purposes in construction:	**1. Leveling Existing Ground**: It's used to make up levels on existing ground or **2**. **New hardcore**, with a maximum thickness of 75mm. **3. Surface Finishing**: Ideal for finishing surfaces on yards, site roads, and farm lanes.
Crusher run, also known as **'crush and run'**	has several practical applications in construction and landscaping:	**1. Driveway Foundations**: It serves as a **compactible sub-base material** for driveways. The durable nature prevents potholes, cracking, and shifting under heavy vehicle traffic and weather conditions[1]. **2. Masonry Work**: When installing **stone pavers** or **retaining walls**, crusher run provides a solid **Backfilling**: During excavation for **underground equipment installation** (sewer pipes, drainage pipes, utility cables), it acts as reliable backfill to hold loose soil and ground in place. **4**. **Various Surfaces**: It can be used under both **hard surfaces** (like asphalt and concrete walkways) and **soft surfaces** (such as putting greens) foundation to keep heavy stone materials in place.
Crusher Dust	also known as *cracker dust*, *quarry sand*, or *rock dust*, has several practical uses	**1.Base Material**: Used as a **base and subbase** for construction projects.Improves **drainage** beneath patios, paths, and pavements **2. Foundation**: Provides a stable foundation for **pavers, driveways**, and artificial turf.Adds extra weight to keep surfaces in place[1]

	in landscaping, construction, and more:	**3**. **Filler and Backfill**:Fills **fence posts, trenches**, and **retaining walls**.Backfills **water tanks** and goes under **concrete slabs**[13]. 4. **Concrete Mix**: Can be used instead of sand when mixing concrete**5. Gardening** Sprinkled thinly on grassy lawns and garden beds to enhance **drainage** and reduce water run-off. Aids rapid growth by aerating the topsoil[1].