



HYDACEM 3D 60

MORTAR FOR 3D PRINTER

HYDACEM 3D 60

Cementitious M60 grade mortar designed for precise 3D printing with robot and gantry printers.

OVERVIEW

HYDACEM 3D 60 is a high-strength, M60 grade cementitious mortar specifically engineered for use with 3D robotic and gantry printers. Its advanced formulation enables precise layer-by-layer extrusion, making it ideal for demanding construction projects that require superior strength and precision. HYDACEM 3D 60 guarantees reliable performance and high-quality results in 3D concrete printing.

FEATURES & BENEFITS

1. SIMPLE PREPARATION

Single-component formula—just add water for fast and easy mixing on-site.

2. SUPERIOR STRENGTH

Compressive strength exceeding 60 N/mm² offers unmatched durability for heavy-duty applications.

3. EFFICIENT APPLICATION

Pumpable and easy to work with, accelerating the 3D printing process.

4. RELIABLE BUILD QUALITY

High buildability and excellent layer stability ensure accurate, distortion-free prints.

5. WEATHER RESISTANT

Resilient against freeze-thaw conditions, suitable for a wide range of climates.

6. ECO-FRIENDLY

Designed with sustainability in mind, supporting green construction initiatives.

7. LOW MAINTENANCE

Smooth and durable finish reduces cleaning and upkeep efforts.

PRODUCT DETAILS

AVAILABLE PACKAGING

20 kg Bag

COLOUR OPTIONS

Grey

WHY CHOOSE HYDACEM 3D 60

1. ULTRA-HIGH STRENGTH PERFORMANCE

With compressive strength exceeding 60 N/mm², HYDACEM 3D 60 is built for the most demanding structural 3D printing applications—where safety, stability, and longevity are non-negotiable.

2. PRECISION FOR COMPLEX BUILDS

Optimized for robotic and gantry-based systems, it ensures consistent layer-by-layer accuracy, perfect for intricate or large-scale structures.

3. SPEED AND EFFICIENCY

Its easy-to-pump, single-component formulation speeds up the construction process while maintaining quality and consistency.

4. EXCEPTIONAL BUILD STABILITY

Delivers high buildability and form retention—ideal for tall, complex, or detailed prints with no slump or deformation.

5. ALL-WEATHER READY

Formulated to resist freeze-thaw cycles, making it suitable for projects in diverse and challenging environments.

6. ENVIRONMENTALLY RESPONSIBLE

Low-impact composition supports eco-conscious construction goals without sacrificing performance.

7. LOW MAINTENANCE REQUIREMENTS

Durable and smooth finish requires minimal cleaning and upkeep over time—reducing long-term maintenance costs.

End of TDS