



Golden Drop GD-P-18 (GD-P-18)

GD-P-18 is formulated with 100% solid polyurea, making it a two-pack product with a remarkably rapid setting ability. It can be applied up to a thickness of 500 mm and offers the flexibility to achieve a dry film thickness of 5 to 10 cm in a single application.

High-performance road marking cold plastic material designed for superior day and dry night visibility. These cold plastic materials are weather and high abrasion resistant. Golden Drop GD-P-18 Marking Material is a formulation of plasticized resin, aggregate, pigment and glass beads supplied in liquid form, directly applied to the road surface where it sets very quickly.

With outstanding adhesion to concrete and bituminous surfaces, GD-P-18 demonstrates excellent resistance to abrasion and chemicals when applied over roads. For optimal results, the application of GD-P-18 is recommended through spray, roller, or screed applications.

Technical Specification

Density	1.62 g/ cm ³
Abrasion resistance	20.1 (JM-100 elastic grinding wheel)
Wet film thickness	300 ~ 350μm
Solid content	75.6%
viscosity coefficient (25°C, T-4)	≥100 seconds
Dry film thickness	300 ~ 350μm
Dosage	theory of 2.8 square meters/kg
Surface drying time 10min, full dry	45min
Times	suggest 1 time
Shelf life	one year, over the period, such as the inspection, still can use



FACTORY

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Nashik - 422 102.



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GSTIN : 27AAVFG1857A1ZA

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Golden Drop GD-P-18 (GD-P-18, is a type of road marking material that is applied at ambient temperatures without the need for heating. There are several advantages associated with the use of GD-P-18:

- 1. Ease of Application:**
GD-P-18 can be applied without the need for specialized heating equipment. This simplifies the application process, making it more convenient and cost-effective.
- 2. Quick Drying Time:**
GD-P-18 generally dries quickly, allowing for faster completion of road marking projects. This is especially beneficial in situations where minimal disruption to traffic flow is desired.
- 3. Versatility:**
GD-P-18 can be applied to a variety of surfaces, including asphalt and concrete. It adheres well to different materials, providing versatility in road marking applications.
- 4. Durability:**
GD-P-18 is known for its durability and resistance to wear and tear. It can withstand the impact of traffic, harsh weather conditions, and other environmental factors, leading to longer-lasting road markings.
- 5. Reflectivity:**
Many GD-P-18 contain reflective beads or glass beads, enhancing visibility during low-light conditions. This improves road safety by increasing the visibility of road markings, particularly at night.
- 6. Environmentally Friendly:**
GD-P-18 formulations are often designed to be environmentally friendly, with low VOC (volatile organic compound) content. This can contribute to a reduction in air pollution during application.
- 7. Cost-Effective:**
GD-P-18 can be a cost-effective option, especially when compared to some hot-applied thermoplastic alternatives. The simplified application process and reduced equipment requirements can lead to cost savings.
- 8. No Heat-Related Hazards:**
Since GD-P-18 doesn't require heating during application, there are no associated heat-related hazards or safety concerns for workers. This contributes to a safer working environment.



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