



البرج العالي لصناعة (ش.ذ.م.م.)
HIGH TOWER INDUSTRIES L.L.C.

HIGH TOWER INDUSTRIES
hitek™
SPRAY PLASTER SYSTEMS

FINE

FINE

hitek™ Fine is a ready mixed surface coating in paste form that is comprised of specially graded marble dust, sand, whiting as well as other quality raw-materials and other special additives. The end product is dispersed in an aqueous patented binding composition which is age-resistant, environmentally friendly and clean. The appearance of **hitek**™ Fine is bright white and is universally appealing for surface finishes atop which any paint system and/or decorative coating is compatible.

As manufacturers of the **hitek**™ brand, our **hitek**™ Spray Plaster Systems lineup is guaranteed in quality as its field properties make it an efficient product for application. **hitek**™ Fine is created using a perfect blend of high-quality raw materials creating an optimal bonding environment with any building surface and can be applied either manually or mechanically depending on site conditions.

Advantages of using **hitek**™ Spray Plaster Systems include: (a) that it is supplied and guaranteed directly by the manufacturer; (b) that the weight of the plaster is approximately 50% less than traditional cement installations; (c) that it is easy to apply, is fast compacting and fast drying; (d) that it has excellent workability onsite.

'FINE' Technical Data

Specific Gravity	1.75 Kg/Litre [Approx.]
Particle Size	Up to 300 microns [Max.]
Area Coverage	1-3 Kg/m ² [Approx]
Additives	Rust inhibitors, preservatives & plasticizing agents
P.H.: Level	9 [Approx.]
Binder Used	Synthetic co-polymer emulsion and cellulose derivative
Toxicity	Zero
Storage/Shelf Life	6 months [Away from direct sunlight]
Colour	Bright White
Packing	Self sealing 25 Kg bags
Dilution	Water-if required

Application Recommendations

hitek™ Fine is practically applied on to most building surfaces such as base plastered areas, concrete, pre-cast, dry-lining and is a perfect complement to **hitek**™ Coarse or **hitek**™ Medium plasters on finishing.

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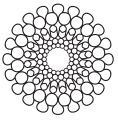
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Fine is used for direct application onto face faces, rendered surfaces and gypsum boards and as a wall-filler of up to an average of 2mm before final decoration. **hitek™** Fine is conventionally mixed with 25% white cement by weight and can be used as a filler for repair of face-face concrete as well. In addition, **hitek™** Fine can also be used as a final textured finish to ceilings and does not require further paint or decoration due to its clean fit-to-finish application properties.

Due to its excellent filling and spreading properties, the **hitek™** Fine is a multifaceted and versatile product. **hitek™** Spray Plaster Systems is manufactured to create an optimal surface coating in order to cause the least burden to the overall building structure by weight.

System of Application

Preparation: Areas for plaster application to be provided with the required clearance from M.E.P & other related main contract / subcontract works. Surface should be clean and dry. Ceiling and Wall Systems of Application can be provided directly from the manufacturer and/or internal applications division on request on assessment of site conditions. Please contact us for more information.

Application: **hitek™** Fine can be applied either manually or mechanically on the desired building surface. **hitek™** Fine is specifically designed for rapid and effective spray-machine applications although the material can also be installed manually as well on both wall and ceiling surfaces. A team of five men can spray and level an area of approximately 400m² a day with one set of equipment. This estimation averages base coat and finishing coat productivity data for walls and ceilings. Please consult the manufacturer on the specific system(s) of application depending on the nature of works to be carried out.

SOA Precautions: The application performance of **hitek™** Spray Plaster Systems may be affected by harsh weather conditions such as strong winds, hot weather and sever rains. All possible protective measures must be taken to protect the execution of works. The manufacturer will not be held responsible for any claim(s) arising out of non-performance of the product due to incorrect application procedures or usage of product for non-recommended purposes.

Health & Safety: **hitek™** Spray Plaster Systems has no specific health hazards. It is non-toxic but contains Portland cement after mixing with cement slurry thereby making it a strong alkaline which after prolonged exposure may cause skin irritation. Avoid inhalation of dust and in case of contact with eyes and skin, wash with plenty of clean water and seek medical help if required. Use protective kits such as masks, gloves and spectacles as an additional precaution.

Notes: The yield and coverage of the product given in the TDS is an approximate figure. The actual coverage depends on various factors such as thickness of the product when practically applied onsite, wastage, imperfections of the surface and the skill of the applicator. It is the responsibility of the users to check the coverage of the mortar according to their site condition.

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