



Dr. Ishtaset P9

High Performance Tile Adhesive

Description

Dr. Ishtaset P9 Is an improved High performance cementitious adhesive (2) with no vertical slip (T) and extended open time (E) classified as C2TE, for ceramic tiles and stone materials. **Dr. Ishtaset P9** is an off-white powder composed of cement, fine-aggregates, synthetic resins and special additives

Characteristics

- Easy in application
- Extended open time
- Applied on vertical surface with no slip even when used heavy tiles
- Firmly adhesion

Applications

- Interior and exterior floor and wall bonding of all types of ceramic tiles and mosaics
- Bonding ceramic tiles and mosaics on different substrates including: cementitious mortar walls, cementitious screeds, concrete block, gypsum board
- Painted walls
- Tile application on existing tiles
- Swimming pools and basins tile application (small sized).

Application Procedure

Surface Preparation

- Surface must be flat, sound, dry, clean and free from loose debris, grease, oils, paints, etc.
- Surface must be adequately cured (renders cured at least 1 week / cm), screed must be cured for at least 28 days
- concrete mix design.

Preparation of the Mix

Pour 25 kg bag of **Dr. Ishtaset P9** into a rust free bucket containing 6 - 6.25 liters of clean water and mix to obtain a lump free homogeneous paste, scraping the sides of the container; allow stand for 5 minutes then re-mix for 1 minute

Application

Use the recommended notched trowel with sufficient depth to achieve an 80% minimum adhesive contact to the back of the tiles for all interior applications. For exterior, commercial floor and shower applications ensure a 100% coverage is achieved. Using the flat or straight edge of the trowel apply a thin pressure-applied coat to the substrate. Follow immediately with additional adhesive then comb the mortar using the notched side of the trowel to achieve an even setting bed.

DO NOT spread more material than can be covered with tiles within the specified open time. For external ceramic tile floors and walls and when applying in swimming pools and basins filled with water, spread the adhesive on the back of the tile (back-buttering) in order to ensure complete contact.

Installation of tiles

Install the tile with firm pressure to insure good contact with the adhesive. There's no need to wet the tile before installing them. Only with very dusty backs it is recommended to dip the tiles in clean water

Open time of **Dr. Ishtaset P9** is approx. 30 minutes, this may vary depending on weather or surface condition (highly absorbent substrate reduce open time). If a skin is formed on surface, remove the adhesive and apply a fresh material. Do not wash it with water in case of skin forming because it may cause an anti-adhesive film

Tiling installed with **Dr. Ishtaset P9** must not be washed or exposed to rain for at least 24 hours and must be protected from frost and strong sun for at least 5-7 days.

Curing

- Wall joints can be grouted after 4-8 hours and floor joints can be grouted after 24 hours.
- Floors are set to light foot traffic after approximately 24 hours.
- Surfaces are ready for use after approximately 14 days.
- Basins and swimming pools can be filled after 21 days



Cleaning

Tools and containers should be cleaned with plenty of water before **Dr.Ishtaset P9** hardens. Surfaces should be cleaned with a damp cloth before the adhesive dries.

Consumption

2-5 KG/M2 (Depending on tile type and surface to be applied on)

Packaging

25 Kg Bag

Storage and Handling

Can be stored for up to 12 months in a dry, elevated area in the original packaging.

Health and Safety

contains cement that when in contact with sweat or other body fluids causes irritant alkaline reactions and allergic reactions to those predisposed. It can cause damage to eyes. When applying the product use protective gloves and goggles and take the usual precautions for handling chemicals. If the product comes in contact with the eyes or skin, wash immediately with plenty of water and seek medical attention.

PRODUCT IDENTITY	
Type	Powder
Color	Off- white
Bulk density (kg/m ³):	1,300
Dry solids content (%):	100
VOC content	Very Low
Application Data (@ +23°C and 50% R.H.)	
Mixing ratio:	100 parts of Dr.Ishtaset P9 with 28-30 parts of water by weight
Consistency of mix:	Pasty
Density of the mix (kg/m ³):	1,500
pH of Mix:	13
Pot life	Over 8 hours
Open time	30 minutes
Adjustability time:	45 Minutes
FINAL PERFORMANCES	
Bonding strength in compliance with EN 1348 (N/mm ²): –	
– initial bonding after 28 days:	1.5
– bonding after heat exposure:	1.4
– bonding after immersion in water:	1.1
– bonding after freeze/thaw cycles:	1.5
Resistance to alkalis:	Excellent
Resistance to oils:	Excellent (Poor for vegetable oils)
Resistance to solvents:	Excellent
Temperature when in use:	from –30°C to +90°C