

Dry shake surface hardener for fresh Concrete floor.

DEFINITION

Novo Hard Floor is a ready to use dry shake surface hardener.

Novo Hard Floor is consisted of special grade of very hard wearing aggregates, cement and additives for high workability.

Novo Hard Floor is easy to apply to fresh wet concrete by hand trowel or mechanicals trowel.

USES

Novo Hard Floor provides hard floor with high abrasion resistance and also highly dense surface resistant to oil and grease penetration; where it is used for producing high quality flooring such as:-

1. Heavy industries factories.
2. Garages and parking areas.
3. Powder station
4. Food refrigerators.
5. Warehouses.
6. Loading docks.
7. Fuel station...etc.

ADVANTAGES

1. Can be used in totally submerged conditions.
2. Smooth concrete surface.
3. Highly adhesive and bond strength.
4. High resistance of abrasion.
5. Supplied with different colors.

PHYSICAL PROPERTIES @ 25 C°

DISCRIPTION	VALUE
Color	gray other required color
Density	(1.85 ±0.05) gm./ cm ³
Coverage	3- 5 kg / m ² (depending on surface conditions)
Shelf life	12 months (under suitable storage conditions)

APPLICATION INSTRUCTION

Surface properties

All surfaces must be sound and completely clean before **Novo Hard Floor** is applied. All traces of grease or oil must be removed with **Novo Chemical Degrease**.

All loose particles of mortar, old wallpaper, paint, etc. must be physically removed.

APPLICATION

BASE CONCRETE:

Minimum cement content is 350 Kg/m³ of concrete.
Minimum slump is 10 cm and maximum is 14 cm.
Water cement ratio is recommended to be below 0.55.
Vacuuming the concrete is not recommended.

FINAL FINISH:

- When the concrete floor has stiffened sufficiently, use the powder blades machine to get a smooth, leveled, bright and very fair hard floor.

Application:

Time of application:

- Spread the **Novo Hard Floor** powder to slab when it is sufficient, Moisture of concrete surface is available to enable the **Novo Hard Floor** powder to react with. For the concrete, do not apply **Novo Hard Floor** powder too early when bleed water is still appearing.
- Spread the half quantity on the concrete surface and trowel it by mechanical trowel (pen), (power float) or wooden float.
- After that, apply the second half on **Novo Hard Floor** quantity and again trowel it by the same way before.

PRECAUTIONS

- **Novo Hard Floor** is non-toxic, non-corrosive and any splashes on the skin should be washed with water.
- If Contact with eyes occurs wash well with water immediately and ask for medical advice.

Fig 1: factory floor achieved by **Novo Hard Floor**

