



# M 36

It is the rapid setting mortar that is ready to use, instantly stopping the water leakages. When it comes into contact with water, it blocks water by setting in 40 seconds. **ISONEM M 36** is used in drying active water streams and for surface water. **ISONEM M 36** is for preparation for insulation by stopping water. It has high expansion property, does not shrink. It does not contain soda or chlorine, it does not harm the reinforcement and iron, the adherence property is excellent.

#### USAGE AREAS

- Stopping pressurized water,
- To stop water leaks before cement-based insulation is applied,
- In drying the surface and in the prevention of leakages coming from cracks,

#### APPLICATION INFORMATION

**Application Method:** The application is made in powder form. Rubber gloves should be worn during application. To the prepared surface, a small amount of dust is taken into the palm for the buffer and the material is hand-pressed by hand to the area of the active water leakage. This process is continued until the powder hardens and water is cut off. After the water is stopped, the free material remaining on **ISONEM M 36** is cleaned with a dry brush. Then, **ISONEM M 35** is applied in three layers to form permanent insulation. If **ISONEM M 36** is applied as a mortar, it is mixed with clean water in 2/5 ratio (40%) and put into a paste consistency. This mixture is prepared kneadable without crumbling. This mortar starts to heat up with the reaction and the mortar that is heated is turned into a plug pressed into the hole where the water is released. It is expected to be fully hardened and the hand is held there for a while. As in the dry application, the **ISONEM M 35** is applied in three layers and the insulation is completed.

#### TECHNICAL SPECIFICATIONS

- **Compressive strength (Mpa)** :  $\geq 10$ , CLASS R1
- **Chloride ion content (%)** :  $\leq 0,05$
- **Adhesive bond (Mpa)** :  $\geq 0,8$
- **Setting time (sec)** : 40 - 50
- **Solvent** : Water
- **Color** : Grey
- **Paintable (Coverage) Area** : 5 kg: min. 2,5 L hole / PP bucket,  
10 kg: min. 5 L hole / PP bucket,  
18 kg: min. 9 L hole / PP bucket

#### PACKAGING & STORAGE

- **Packaging** : 5 kg, 10 kg and 18 kg PP buckets
- **Storage temperature (°C)** : 5 - 35 °C
- **Shelf life** : 24 months from date of production if stored in original, unopened, undamaged packages.
- **Storage condition** : Store tightly closed in a dry and cool place.

### ! IMPORTANT

The surface should be protected from rain, water, mechanical loads and impacts for 24 hours during and after the application.

### APPLICATION CONDITIONS and RISKS

Things to consider during and after the application	The application surface must be clean and free from all impurities like dirt, oil, and mud.
Other ISONEM products recommended	ISONEM M 35 should be applied for permanent insulation.
Application temperature	It should be applied between 5 - 35 °C.

### General Features

