

TECHNICAL DATA SHEET

ISONEM ISO-FIX

(Welding Paste)

PRODUCT DESCRIPTION

ISO-FIX WELDING PASTE, is a strong adhesive putty that provides a quick solution for any repairs on wet or dry surfaces. It is effective in sealing cracks and holes, cutting off leaks and repairing all kinds of superficial damage, as well as bonding similar and dissimilar parts. After application, the fully cured material can be drilled, sanded and painted without primer. It provides superior adherence to materials such as metal, wood, marble, ceramic, glass, hard plastic, brick, concrete, etc.

Usage Areas

Elimination of water, fuel tanks and installation leaks. repair of environments such as pool and aquarium, repair of solar energy systems. In all kinds of repairs in the industrial and automotive sector, filling holes and straightening bent surfaces and it is also used for many more repairs you can think of.

Technical Specifications

Density A comp. (25°C, g/mL)	: Not applicable (N/A)
pH (25°C)	: Not applicable (N/A)
Viscosity A comp. (25°C, mPa.s)	: Not applicable (N/A)
Solid Content (Weight %)	: Not applicable (N/A)
Water Transmission Rate (kg/ m ² . h ^{0.5})	: < 0,1 CLASS W ₃
Adhesion Strength by Pull-off Test (N/mm ²)	: 10,0 N/mm ²
Permeability to Water Vapour (m)	: 5 ≤ S _D ≤ 50 CLASS II
Touch Free Drying	: 1 hour
Through Dry time	: 2 hours
Pot Life (23°C)	: 30 - 40 minutes
Solvent	: Organic Solvent
Class of Fire Reaction	: C fl S1
Color	: Blue

APPLICATION PROCEDURE

Surface Preparation

The surfaces to be applied must be free from all kinds of oil, dirt, dust and surface wastes and must be completely dry and clean.

Preparation of mixture: Firstly, open the box of solvent-free adhesive (Component A) and cut off as much material as needed with the help of a knife. Then the hardener (Component B) is added in the same proportion by weight and mixed thoroughly by hand kneading. It is very important to mix the material at the specified mixing ratio. Gloves should be worn during hand mixing.

Application Method: The prepared mixture is applied to the area by hand.

IMPORTANT

The application surface should be protected from all external factors such as rain, water, mechanical impacts etc. for 24 hours during and after application. Component A and B should be used within 30-40 minutes after mixing (23°C). Pot life lasts more at lower temperatures and drops at higher temperatures.

Packaging & Storage

Packaging	: 40 gr set (A component: 20gr , B component:20 gr)
Storage temperature (°C)	: 5 - 35 °C
Shelf Life	: 24 months from date of production if stored in original, unopened, undamaged packages.
Storage conditions	: Store tightly closed in a dry and cool place and away from heat and fire.

Health and Safety Information

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

Statement of Responsibility

The technical information and application advice given in this ISONEM Paint & Insulation Technologies publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

