WENCON®

Product Information

No. 1 - 05.07.2005

Wencon Exhaust Repair Kit

The high temperature resistant cold weld exhaust repair product

- Resists temperatures up to 1300° C (2400° F)
- Resists direct flame contact
- Repairs cracks, fills holes and pits
- Quick cure when heated
- One component compound – no mixing, just stir

Wencon Exhaust Repair is a one component steel cold weld product that can be used to repair cracks and holes in equipment that is exposed to temperatures up to 1300° C.

Typical applications include engine heads, blocks and manifolds, as well as furnaces and boilers. Wencon Exhaust Repair is especially valuable in areas and situations where traditional heat welding cannot be accomplished.

Wencon Exhaust Repair cures to 95% at room temperature within three hours of application. 100% cure can be obtained within 24 hours or in only 15 minutes when heat is applied.

Wencon Exhaust Repair can be grinded when cured. The compound has good adhesion on all metal surfaces. Wencon Exhaust Repair will not rust or oxidize and is resistant to chemicals.

Just stir

The Wencon Exhaust Repair Kit contains:

- Wencon Exhaust Repair Compound, 2 x 250 g
- Reinforcement metal mesh, 10 x 50 cm
- Spatula
- Application data sheet

Note:

It is important to note, that this product is designed only for external emergency repairs of cracks and leaks.

Product numbers:		**IMPA no.**	**ISSA no.**
No. 1070	Wencon Exhaust Repair Kit, 2x250g	812340	75.553.25

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General description
One component cold weld repair compound with high heat resistance

Surface preparation
The surface must always be as clean, dry and grease free as possible.

Improved adhesion can be obtained by grinding or shot blasting of the surface prior to application.

Mixing Ratio
No mixing is required. Just stir the contents before use.

Applying
Apply a suitable amount of Exhaust Repair Compound in and around the leak.

Cut reinforcement wire mesh and fix it to the area of the repair. Hold the mesh in place using steel bands or steel wire

Apply a second layer of repair compound and leave for initial curing 3-4 hours.

Heat up slowly to 95°C (200°F) for 15 minutes for full cure.

Curing time
Initial curing 3-4 hours at room temperature.

Full cure at room temperature within 24 hours.

Full cure at 95 C (200°F) approximately 15 minutes.

Machine-ability
After curing the product can be ground.

Specific volume
330 cm^3 per kilogramme

Temperature Resistance
Up to 1300°C (2400°F)

Chemical Resistance
The compound is resistant to oil, water, saltwater and most diluted acids and alkalis as well as a range of solvents.

Shelf life
@ 20°C: 3 years

Handling Precautions
Read the instructions for use and the Material Safety Data Sheet.

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