

abil-WELD

A high performance, long lasting, environmentally-friendly glue

PRODUCT OVERVIEW:

abil-WELD is supplied as a water reactive white powder. When mixed into the recommended proportion of water a premium 'gluey' paste is formed.

It is also a very strong, waterproof baked clay or concrete masonry mortar, as well as a repair mortar for concrete, rendered wall mortar, gypsum plaster/lime interior wall finishes, colour grouting** for ceramic floor and wall tiles, and for adhering all these to each other.

ECOLOGICALLY SUSTAINABLE DEVELOPMENT:

It's a versatile – almost universal, strong, safe for the user and safe for the environment adhesive that is completely free of noxious solvent fumes, VOCs (volatile organic compounds) and it does not emit climate warming greenhouse gasses.

USE ON:

Hardened **abil-WELD** is resistant to water, acids, alkalies, many other chemicals, flame spread and high temperatures [180°C], it is particularly resistant to chloride and sulphate aqueous solutions which cause rusting of iron and steel including the reinforcing steel in concrete.

Developed with a focus on long-term durability and performance, **abil-WELD** delivers a range of benefits, including:

- ✱ Resistance to water, acids, alkalies, many other chemicals
- ✱ Resistance flame spread and high temperatures [180°C]
- ✱ Resistance to chloride and sulphate aqueous solutions which cause rusting of iron and steel including the reinforcing steel in concrete.

- ✱ Easy-to-use and apply
- ✱ Has low odour and does not give off noxious gasses
- ✱ Capable of achieving **high permanent bond strength** even when they are constantly immersed in water, chlorinated water or sea water.

BENEFITS:

It can be used on waterproof baked clay or concrete masonry mortar, as well as a repair mortar for concrete, rendered wall mortar, gypsum plaster/lime interior wall finishes, colour grouting for ceramic floor and wall tiles, and for adhering all these to each other.

USAGE AND APPLICATION:

For normal use an excellent glue is made by adding – three (3) parts by volume of the powder into one (1) part by volume of clean, drinkable water whilst mixing thoroughly in a suitable mixing machine or with a heavy duty portable power mixer - until a semi-fluid mixture is obtained.

If mixed adequately, the resulting semi-liquid glue mixture – which should preferably be adjusted (if thought necessary according to the weather current at the time of use) to have an ideal temperature of approximately 23°C by using either hot or cold mixing water. The use of ice blocks used for cooling drinks in hot weather may assist this aim.

Note that the lower the water content, the stronger the bond of the hardened glue will be.

COMPATIBILITY:

abil-WELD is suitable for use on most clean, prepared, and stable vertical and horizontal substrates.

PACKAGING:

abil-WELD is supplied in 20kg bags.

STORAGE:

For maximum shelf life, abil-WELD should be stored in its original packaging, out of direct sunlight, in appropriate, dry conditions. When kept **dry** and stored in temperatures not exceeding 25°C under **low** humidity conditions in its original unopened container, abil-WELD has a storage shelf life in excess of 6 months.

PRECAUTIONS:

abil-WELD is a non-hazardous, non-flammable, non-explosive substance and is classed as a non-dangerous good, however, it is recommended that the following Personal Protective Equipment (PPE) and precautions are followed when handling and using the product:

- ✱ Wear full overalls, gloves safety goggles and a dust mask during mixing
- ✱ Avoid skin and eye contact
- ✱ Always wash hands before eating, drinking, smoking or using the toilet



SUBSIDIARY OF AUSTRALIAN OXIDES PTY LTD
FINE COLOURS & PRODUCTS FOR CONSTRUCTION

133-135 Northern Road, West Heidelberg, Victoria, Australia, 3081
PH: 03 9457 6488 FAX: 03 9458 4683 EMAIL: service@abilityproducts.com.au

www.abilityproducts.com.au

