

APPLICATION AS AN ADDITIVE TO THE MORTAR

Stir thoroughly before use. Use 925 ml of «MULCO 52» for 4 kg of Portland cement and 8 to 10 kg of clean dry sand or, 4 L of «MULCO 52» for 17 kg of cement and 34 to 43 kg of clean dry sand. **Mix the concrete adhesive and an equal volume of water. Always add the mixture of cement and sand to the liquid. Do not add liquid to dry mixture.** If the mix is too thick, add a little quantity of water. For minor repairs, mix manually. For major projects, a mechanical mixer is recommended. The mixing time should not exceed 3 minutes.

Apply on a damp surface or on a surface covered with «MULCO 52». Use a maximum concrete thickness of 19 mm (3/4 in.). Level the concrete immediately. The temperature and the wind influence the concrete's curing time. Let dry 48 hours before circulating on the surface. It is recommended to damp the surface during the first 24 hours of the drying period.

NOTE: On materials other than concrete, «MULCO 52» needs absolutely to be applied directly on the surface.

COVERAGE PER LITRE

As an adhesive: 4 sq. m. (42 sq. ft.);

As an additive for concrete: 1.6 sq. m. (17 sq. ft.) per 6 mm (1/4 in.) thickness.

TECHNICAL GUIDE

GENERAL APPEARANCE:	Homogenous liquid, free of lumps, easy to use.	
COMPOSITION:	Polymer emulsion.	
APPLICATION SURFACES:	Walls and floors.	
APPLICATION SITE:	Indoors / outdoors	
CLEANER (wet product):	Use water.	
CLEANER (dry product):	Use a putty knife and mineral spirits or another effective solvent; take care not to affect the other surfaces with too strong a solvent.	
CLEANER (skin contact):	Wash with water as soon as possible. If the product is dry on the skin, wash with mineral oil, then wash carefully with soapy water and rinse.	
FLAMMABILITY:	At application:	non-flammable;
	Dry:	combustible.
FREEZE / THAW STABILITY	«MULCO 52» is irretrievably damaged if frozen.	
WHMIS CLASSIFICATION:	Not regulated.	
SERVICE TEMPERATURE:	Minimum:	-30°C (-22°F);
	Maximum:	50°C (122°F).
pH (approx.):	9.	
VOC content:	0,1%	
Regulatory VOC (less water and exempt solvent):	0.77 g/L	

PROPERTIES OF MORTAR CONTAINING MULCO 52

COMPRESSION RESISTANCE:	(ASTM C-109):	39.5 MPa (5730 psi.).
TRACTION RESISTANCE:	(ASTM C-190):	401 MPa (590 psi.).
ADHERENCE:	(ASTM C-321):	1.7 MPa (250 psi.).
SHRINKAGE:	(ASTM C-157):	maximum 0.05%.

RESTRICTIONS

Keep from freezing. The shelf life is diminished by warehousing over 25°C (77°F).

Adhesion of materials subject to immersion cannot be guaranteed.

Do not use on plastic materials, panels of wood fibers, wood, creosote, metals, silicone products, asphalt or tar products (coating, adhesive, etc.) or on oily, painted, waxed or varnished surfaces.

Open and drying times were obtained at 25°C (77°F), 50% relative humidity without air circulation. Higher temperatures or air circulation will reduce those times. At lower temperature, higher relative humidity or with some materials the drying time will be longer.

Adhesion of materials not specifically mentioned cannot be guaranteed. It is up to the customer to make his own performance tests or to consult our technical department.

SAFETY PRECAUTIONS

KEEP OUT OF THE REACH OF CHILDREN. Before using «MULCO 52», consult the product material safety data sheet (MSDS)

Disposal: consult your municipality to dispose in conformity with regulations.