

MANUFACTURER

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PRODUCT NAME

ABC GYPSUM COMPOUND

DESCRIPTION

ABC GYPSUM COMPOUND is a multi-purpose joint & gap filler, made of high quality binders & selected non-toxic fillers. It is suitable for a wide range of indoor & outdoor application areas (roof eaves, ceiling boards, concrete walls) for non-structural filling, leveling & patching to achieve smooth and seamless walls & ceilings. This formulation is weather resistant & easy to use. It is less prone to cracks due to its thick application making it the perfect product to correct indoor & outdoor surface imperfections up to 5 mm before sanding. ABC Gypsum Compound is ideal for use on large application areas since it is cost-effective & budget-friendly.



ABC GYPSUM COMPOUND is an ABC Eco-friendly product, which has low Volatile Organic Compound (VOC) levels bearing little or no adverse effects to the environment. Its components contain no harmful chemical additives, creating a safe living environment for you and your family.

USES

- Filling knots, dents, splits, nail holes and other minor surface imperfections on plywood/wood, gypsum & fiber cement board prior to finishing
- Embedding fasteners, reinforcing tape and plastic or metal trim on gypsum and fiber cement board
- Non-structural repair on concrete such as leveling, patching & plugging

PROPERTIES

- ✓ Excellent hiding power & smooth finish
- ✓ Excellent bonding with the substrate
- ✓ Excellent workability (fast & easy application)
- ✓ Flexible & resistant to non-structural cracks
- ✓ Low shrinkage
- ✓ Non-sag (ideal for overhead application)
- ✓ Weather resistant
- ✓ Good sanding properties
- ✓ Compatible with masonry paint

CLASSIFICATION STANDARD

- ✓ ASTM C474-05 (USA) American Society for Testing and Materials

TECHNICAL DATA

Properties	Results
Solubility in Water	slight (3% maximum)
Specific Gravity	0.99
Appearance / Odor	white powder, no odor
pH	7-8
Flash point	non-combustible & non-explosive

SURFACE PREPARATION

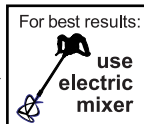
Surface must be fully cured, structurally sound, stable, level, even, clean & free of paint & contaminants such as dirt, dust, loose material, oils and chemicals. Use a level bar to ensure floor levelness and wall plumbness.

Substrate	Surface Preparation
Plywood / wood, gypsum board	Keep application surface dry.
Fiber cement board, concrete	Dampen prior to Gypsum Compound application.
Painted surfaces	Acid etch or abrade paint to ensure proper bonding.

APPLICATION GUIDE

1. Mixing

Pour clean water into a plastic pail & gradually add Gypsum Compound. **Only mix a sufficient amount that can be consumed within 30 mins.** Using an electric mixer, stir to attain a smooth & lump-free consistency (max. amount for manual mixing = 2kg). Let mix stand for 5 minutes & stir again briefly before use.



! Use only non-absorptive materials as mixing base (plastic pail or G.I. sheet). If absorptive materials such as plywood, wooden box, gypsum board, fiber cement board or cardboard is used, it will affect the chemical properties of the product, which can result in bonding failure & poor product performance. **Follow specified mixing ratio. Never mix old batch with new batch.**

Mixing Ratio		Pot Life	Curing Time
Water	Gypsum Compound	30 mins	15 mins at 1-2 mm application thickness Note: Curing time depends on application thickness and weather condition.
350 ml	1 kg		
5.25 L	15 kg		

2. Application

For filling joints

Using a putty knife, apply a layer of Gypsum Compound to cover the joint and surrounding edges before embedding a non-adhesive drywall / mesh tape. Apply another layer once taped area has dried.

When using a self-adhering drywall / mesh tape, install directly on top of the joint before applying Gypsum Compound. Allow each coat to dry completely. Smoothen final coat using sand paper prior to further finishing.

For patching & leveling

Use light strokes to cover holes and other imperfections. Allow each coat to dry completely. Smoothen final coat using sand paper prior to further finishing.

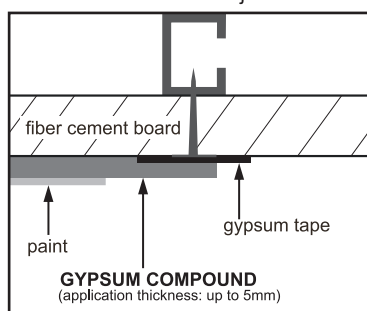
3. Finishing

Follow the paint manufacturer's instructions in regard to priming and application of further finishes.

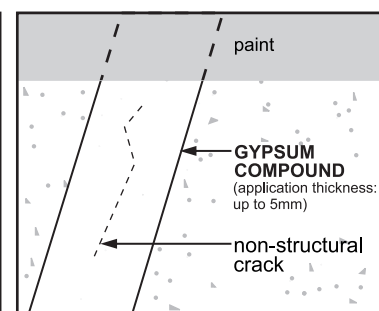
Note: Use clean water to remove excess material on tools before it hardens.

SECTIONAL DETAIL

a. Application on gypsum or fiber cement board joints



b. Application on concrete



COVERAGE (approx.)

Packaging	Usage	Area	Application thickness (average)
2 kg	Joint & gap filler	6 linear meters	2 mm (W = 15 cm)
15 kg		45 linear meters	
2 kg	Smoothing & leveling compound	8 m ² per coat	0.25 mm
15 kg		60 m ² per coat	

Note: Coverage is dependent on substrate condition, usage, application thickness & workmanship.

PACKAGING

2 kg plastic pouch & 15 kg multilayer paper bag

SAFETY, STORAGE & SHELF LIFE

Do not inhale or ingest. Avoid eye exposure and prolonged skin contact. In case of irritation, rinse with sufficient water. If symptoms persist, consult your doctor. When stored in a cool, dry place & in its original unopened packaging, ABC Gypsum Compound will remain usable one year from date of manufacture.

WARRANTY

Due to variety of applications, different working methods and the various properties of bases, we cannot assume responsibility or liability with regard to the application of our products. Our guarantee and liability are restricted to the quality of our products at the time of acceptance of the customer of such products. In no case shall our liability extend beyond replacement of defective products, if any, found at the time of acceptance. For all deliveries and services, our General Sales Condition including warranties stipulated for each case are valid.

