

# Joint Compounds and Finishing Products



# Panel Rey® Joint Compounds

Panel Rey® offers a group of Ready Mix multipurpose compounds especially designed to be applied by professional installers who are looking for the best finishing results. All compounds have good performance regarding basic properties such as the manageability, good sanding, proper working and drying times, low shrinking problems and no cracking. Compounds are made of vinyl adhesives and can be applied manually, or with mechanical equipment, directly from the package. All products meet the ASTM C-475 Standard in accordance to ASTM C-474 standard. Panel Rey® products do not contain asbestos.

## Ready Mix Standard Compound

The Standard Compound combines the multipurpose product properties with an excellent level of adherence to substrate. These properties make this product ideal to be used in first coats when treating joints, or with repairing or refilling work.

- Recommended applications: Adhere joint tape, apply a 1st and 2nd coat in the jointing treatment, repair holes or cracks, refill edges and corners, texture.
- Coverage: 1.6 m<sup>2</sup>/kg (7.8 ft<sup>2</sup>/lb)
- Availability:
  - Box: 21.8 kg (48 lb) – 3.5 gallons (13.2 L)
  - Box: 25.0 kg



## Ready Mix Ultima Light Compound

Ultima Light Compound is the best option for a smooth, manageable application and sliding. It is extremely easy to sand due to its properties of low density ready mix. This is a totally different product, since it is 20% lighter than traditional compounds. It is easy to integrate when mixed again. It offers a higher coverage and efficiently reduces shrinkage and cracks.

- Recommended applications: For treating joints and accessories, textures and final finishing in corners and edges, as well as for repairing screw and nail heads.
- Coverage 2.0 m<sup>2</sup>/kg (9.8 ft<sup>2</sup>/lb)
- Availability:
  - Box: 17.4 kg (38 lb) – 3.5 gal (13.2 L)
  - Box: 25.0 kg (55 lb) - 5.0 gal (19.0 L)
  - Bucket 22.4 kg (49 lb) - 4.5 gal (17L)



## Comparative properties of Ready Mix products

Product	Volume per regular box (L)	Net mixture per regular box (kg)	Ready Mix density g/cm <sup>3</sup>	Product hardness lbf	Viscosity @ 25° C (cP)	Adherence with Unimax® tape	Cracks of no more than 0.125"	Shrinkage %	Open time of work (min)	Drying time (min)	Loss per sanding /10 cycles (g)
Standard	13.2	21.8	1.53	50	160,000	95	0.300	22	40	30	1.0
Ultima Light	13.2	17.4	1.27	35	125,000	90	0.300	21	36	30	2.4

Not all properties are considered as product specifications. See ASTM C-475 Standard.

## Base Coat Protekto Plus

Basecoat PROTEKTO Plus by Panel Rey® is a specialized product that contains Portland Cement, resins, reinforcement fibers and waterproof additives. Basecoat PROTEKTO Plus by Panel Rey® is suitable for DEFS to treat corners and moldings, attach exterior joint tapes and as base coat for either gypsum or cement

base exterior boards. It also has been designed to wet thoroughly exterior reinforcement mesh and to attach mid-rigid plates in EIFS (Exterior Insulating and Finishing System).

### Product information:

- Coverage: DEFS: 100-110ft<sup>2</sup> per bag. EIFS: 75-85ft<sup>2</sup> per bag.
- Availability: 22.7 kg sack (50 lb)
- Shel life: 6 months
- Storage: Keep it in a dry place. Avoid water contact.



## Base Coat Panel Rey®

Panel Rey® Base Coat flexible cement is a special product made of an intelligent mix of Portland cement, polymeric resins, waterproof material and reinforcement fibers that treat corners and moldings, fix tapes in exteriors, and serve as base coat for external drywall, whether with a gypsum or cement base, on the DEFS – Direct

Applied Exterior Finish System, which imply the use of a cement-like drywall. It has also been designed to soak exterior reinforcement meshes and paste semi-rigid plates in Exterior Insulating and Finishing System (EIFS), that unlike the previous ones, they imply the use of an insulating material plate.

### Product information:

- Surface Drying Time: 60 minutes
- Curing time: 24 hours.
- Availability: 22.7 kg sack (50 lb)
- Mix: Approximately 5.6 liters per sack
- Shelf life: 6 months from the date of manufacture, when properly stored.
- Storage: Close and adjust open bags. Keep in a dry place avoiding exposure to direct sun light.



## Easy Set 45 Setting Type Product

Easy Set is a non-asbestos Lightweight Setting Type Joint Compound ideal for diverse interior an exterior applications according to the setting and working time range selected that permit a fast joint finishing and next-day decoration. This product is formulated for tape embedding, cracks, filling and finishing over gypsum board interior applications, including metal corner bead and drywall trim.

Easy Set performs especially well when used for taping, filling fasteners and repairing deep cracks and holes. Hardly recommended in areas with a high relative humidity and where water – resistant boards are specified because it is almost unaffected by humidity. Easy Set compound is lightweight for easy handling and sanding.

Do not expose directly to exterior conditions and apply one coat of a latex primer if used in exterior areas. Complies and exceeds ASTM C475.

### Application:

Minimum surface, water and air temperature of 50° F must be ensured until joints are completely dry. Apply sufficient coats to level surface, smooth before setting begins. Wait until preceding coat is hard though not necessarily dry before applying a new coat. Clean tools and containers immediately after use and before material harden.

### Product information:

- Binder: Vinyl.
- Active Ingredient: Calcium Sulfate (Hemihydrate).
- Availability: 8.1 kg sack (18 lb)
- Mixing: 1.3 gal approximate per 18-lb bag.
- Coverage: 55 lb/MSF of gypsum boards or 35 m<sup>2</sup>/bag.
- Compliance with Standards: Meet ASTM C-475.
- Storage: Close tightly open bags and store in a dry place.
- Shelf Life: 6 months of shelf life under safe storage conditions.



## Wall and Ceiling Spray Texture

Panel Rey®'s Spray Texture is a non-aggregated white texture product designed for application over properly prepared interior surface. You can create a wide range of texture patterns. No intended as a final coating, after drying, surface should be finished with coat of paint.



### Recommended Nozzle Selection Chart

Application	Nozzle Size <sup>2</sup>	Air Volume <sup>1</sup>
Simulated Acoustic	6 mm, white (fine to medium) 8 mm, gray (coarse)	medium to high
Orange Peel	4 mm, beige 6 mm, white	medium to high
Splatter coat	4 mm, beige 8 mm, gray	low to medium
Knockdown	8 mm, gray 12 mm, black	low

<sup>1</sup> Control air volume with gun air valve.

<sup>2</sup> For more material volume try a larger nozzle.

Panel Rey's Spray Texture may be applied with brush, roller or spray equipment.

- For a spatter/knockdown pattern apply texture mix at a 15 ft 2/lb rate.

- For an orange peel texture, apply texture mix at a 15-30 ft2/lb rate. Follow equipment manufacturer's directions and precautions. Texture must be thoroughly dry before applying further decoration.

Do not apply when temperature of water, mix or surface is below 50° F. Painting and decorating directions prescribed by appropriate manufacturers must be strictly followed. If decorating problems arise, such manufacturer should be consulted.

- Availability: Sack: 22.7 kg (50 lb)

## Make the best compound choice

If you are looking for:	Joint Tape	Refilling Corners Accessories	Joint finishing and accessories	Refining nails and screws	Texture	Repair Work	Finish the work quickly
You want:	Excellent adherence	High viscosity	Smoothness and easy sanding	Smoothness and low shrinking	Stability	Good at everything	Controlled drying
<b>Standard</b>	★ ★ ★	✓ ✓	✓	✓	✓ ✓	✓ ✓	✓
<b>Ultima Light</b>	✓ ✓	✓ ✓	★ ★ ★	★ ★ ★	✓ ✓	✓ ✓	✓ ✓
<b>Easy Set*</b>	★ ★ ★	✓ ✓	✓	✓	✗	✓ ✓	★ ★ ★
<b>Spray Texture*</b>	✗	✗	✗	✗	★ ★ ★	✗	✗

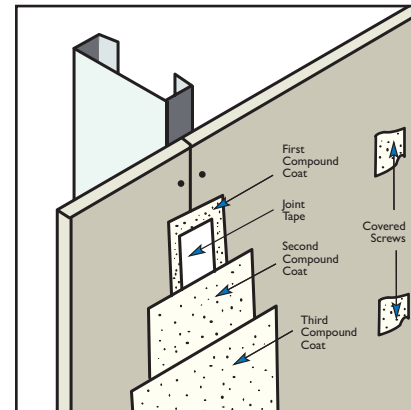
\* See Technical Information Sheets to check the individual specifications and specialized applications of products for treating joints with controlled drying (Easy Set) and for texturing (Ceiling Texture and Spray Texture).

## General Application

Cover drywall joint with a thin coat of prepared compound and soak the reinforcement tape, leaving a coat of approximately 1/32" (1mm) under the tape. Drying time may vary depending on the weather conditions, the type of compound and the amount of water.

Let dry before applying a second coat, which will cover 2" (5 cm) more in each side of the ends of the first coat. Let dry again and smoothly sand the section with compound. Finally, apply a third coat covering 2" (5 cm) more than the last coat in each side. Slightly sand, preferably with damp sandpaper for a greater quality in the finishing and lower breathable dust production.

All surfaces must be dry, clean and free of grease or dust, since this could prevent a proper adherence to the substrate. Use clean water to thin and mix products. Make sure temperature of the ready mix, the environment and surface of application exceed 10° C and keep proper ventilation in the work area, which eliminates the excess of moisture.



We recommend the application of seals to balance the absorption of paint between the surface of the compound and the drywall. This product has a six-month warranty, effective from the date of manufacture, and when it is stored under normal conditions, and away from environmental moisture. Do not stow more than two platforms high.

## Precautions

Avoid dust from damp sanding. Use a mask and safety goggles. Dust resulting from sanding may irritate eyes, nose or throat. In the event of visual contact, thoroughly wash with water for 15 minutes until all particles are removed. If irritation persists, get medical attention. Do not ingest this product. KEEP OUT OF THE REACH OF CHILDREN.

## Joint reinforcement tape Panel Rey®

### Description

The joint reinforcement tape Panel Rey® is designed to be used with the construction system Panel Rey® when treating and finishing joints and corners of the drywall installed in interiors, and when hiding and reinforcing joints in walls and ceilings. This product is manufactured to meet the ASTM C-475 Standard, and in accordance to the procedures of the ASTM C-474 Standard.

In order to provide the highest resistance, this product is made of high quality paper fiber. It is sanded in both sides which allow it to increase its adherence to substratum. It has a central mark for easy bending and it is the only one with micro-perforations for the paper to be soaked easily with the Panel Rey® compound paste.



### Application

Use the reinforcement tape following the installation recommendations ASTM C-840. The Panel Rey® tape is used as specified in the 3 easy steps below.

**One:** Apply a thin coat of compound on substrate and soak the tape in the product, trying to keep the edge of the mark looking toward the substrate. Leave approximately 1mm of compound under the tape and remove surplus.

**Two:** Allow the compound to dry and apply the second or third coat of compound, trying to fade the coat underneath by widening the coat 2" (5 cm) on each side. Make sure to fade the edges properly, and, if necessary, lightly sand the dried compound of the third or fourth coat.


**Three:** Let dry as required, and sand to get the desired finishing. Refer the Recommended Finishing Level given by the Gypsum Association Boletín GA-214-97. When painting or decorating, follow the instructions given by the manufacturer of the material to be used. Make sure all of the surfaces are clean, dry and free of dust, oil or grease.

### Advantages

- Paper is prepared with interconnected virgin fibers that provide maximum resistance.
- Makes sure the dry and wet tension rupture values are duly fulfilled.
- Allows heavy use, resists regular tear and damage during the application.
- Sanded surface and micro-perforations.
- Edge marking that facilitates bending of internal and external corners.
- Winding with carton centers for easy handling during application.

### Product Date

- Paper tape rolls 2 1/8" wide (5.2 cm)
- Length: 250ft and 500ft.
- Each box contains 20 and 10 rolls, respectively.



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**PANEL REY**<sup>®</sup>  
Drywall Solutions