

# Spec/Data

## A707

### Premium Acrylic Elastomeric Base

#### Product Information

Adurel A707 is a co-polymer emulsion designed for use as a first coat for the 2-coat finish system. The formulation is designed to dry faster and give the applicator a marker for a 2-coat application. Can be used as a gray finish also.

#### Recommended Uses

For use over prepared:

Modified bitumen	Cap sheet
Asphalt roofs	Metal roofs
Resin base polyester	Single ply

#### Product Characteristics

**Finish:** Satin

**Color:** Light Gray

**VOC (EPA method 24):** < 250 g / l

#### Recommended Spreading Rate per Coat:

Coverage	1-1.5 gal. / sq.
Wet Mils	16-24 wet mils
Dry Mils	9.6-14.4 dry mils

#### Drying Schedule @ 8.0 mils wet @ 50% RH:

	50°F	77°F	100°F
To Touch	3 hrs.	30 mins.	15 mins.
To Recoat	4 hrs.	3 hrs.	2 hrs.
To Cure	14 days	12 days	10 days

**Cleanup:** Clean spills and spatters immediately with water. Dried material can be removed with alcohol.

#### Application Conditions

**Temperature:** 40°F and rising

**Relative Humidity:** 97% Maximum

*Do not apply within 5°F of dew point or when rain or dew are expected before adequate curing.*

#### Ordering Information

Container Size	Weight	Class
5-gallon pail	60.4 lbs.	55
55-gallon drum	664 lbs.	55

D.O.T. Shipping Information: Nonhazardous

HMIS: Health 1, Flammability 0, Reactivity 0, Protection B

#### Performance Characteristics (20 mils)

Physical Property	ASTM	Value
Tensile Strength	D-412	250 psi
Elongation	D-412	300%
Durameter Hardness	D-2240	50 Shore A
Solids Content by Volume	D-2697	60%
Perm Rating	E-398	3 perms
5% NaOH resistance	7-day test	13.5%
Water Swelling	7-day test	10% weight gain

#### Application Information

##### Procedures

###### Brush

Use nylon or polyester brushes.

###### Rollers

Use 9, 18, or 24" rollers for back-rolling large areas. Use 1/2"-1 1/2" nap high-grade synthetic heads with phenolic cores.

###### Squeegees

3/16<sup>th</sup> for approx. 2 gal. / sq. coverage  
1/8<sup>th</sup> for 1-1.5 gal. / sq. coverage

###### Spray Gun

Pressure: 3000 psi at 2.5-3 gal. / min. for high volume

Tip: .025-.043 reversible, self-cleaning, with 40-50° fan angle

Gun: Standard contractor gun; no filters

Extension: 12" wand extension recommended

Line: 3/8" minimum I.D. standard spray line

#### Performance Tips

Mix to a uniform consistency.

When spraying A707, pay special attention to overspray that may texturize adjacent surfaces. Wind direction should be toward the applicator. The overspray will discolor and show dirt faster. Applications should be approached while keeping a wet edge for best results. Spreading with a serrated squeegee and back-rolling with an 18" roller is the preferred method for flat applications. Spread rates will vary with roughness of surface.

#### Limitations

Areas of ponding over 24 hours after rainfall will need additional coats or top coat with MS2200 at 1.5 gal. / sq. Do not use in grease or chemical conditions.

Manufactured by

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