

# Product Data Sheet

200 RTS — Membrane

870JB: Base 870J9 : Curing Agent 95UJB



**Description:** 200 RTS (Hempel 870JB) is a 100% solids, elastomeric polyurethane methacrylate (PUMA) waterproofing membrane.

**Recommended use:** As a membrane layer for Neogard RTS vehicular and pedestrian traffic systems. Example applications include: parking garages, stadiums, balconies, plaza decks, pedestrian walkways, rooftop recreational areas, and mechanical rooms.

**Features:** Remains elastomeric at low temperatures.  
Very fast turnaround from application to service.  
Can be applied at temperatures as low as 23°F/-5°C. Contact Neogard if applying below 30°F/-1°C.  
Must be mixed with Neogard RTS 600 BPO Initiator (see chart below).

**Limitations:** Do not apply to damp or contaminated surfaces.  
Not intended for use as a top coat.  
Do not use with carbonate-based fillers.

**Availability:** Available in North America. Not included in Group Assortment; other regions must confirm.

## Colors and packaging:

200 RTS (870J900000)  
600 RTS (95UJB00000)

Amber (tintable) 5-gallon (4.5 gallon fill volume)  
White 10-lb pail

*Some colors may have extended lead times and/or minimum quantities. Contact Neogard for details.*

## Physical constants:

Tensile strength:	354 psi	ASTM D638
Elongation:	282%	ASTM D638
Shore A:	75	ASTM D2240
Shore D:	25	ASTM D2240
Low-temperature crack bridging:	Pass at 40, 60, 80 mils	ASTM C1305
Volume solids, mixed:	100%	Calculated
VOC:	33 g/L	
Shelf life:	12 months	

*The above tested results are typical values. Individual lots may vary up to 10% from the typical value. Further technical information can be found at [www.neogard.com](http://www.neogard.com).*

## Application details:

### Version, mixed product

Mixing ratio: **870JB**  
Base 870J9 : Curing Agent 95UJB  
Ratio changes with temperature; see “600 RTS BPO initiator dosages” chart below

Application method: Notched squeegee or gauge rake

Cleaning of tools: Neogard 800 RTS PMMA Cleaning Agent only (see “Cleaning of tools” below)

Mixing: Mix thoroughly for 30–45 seconds or until completely mixed (see “Mixing” below)

### 600 RTS BPO initiator dosages:

Temperature:	30°F (-1°C)	35°F (2°C)	40°F (4°C)	45°F (7°C)	50°F (10°C)
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**Note: 25 fluid ounces of BPO equals 1 pound.**

Fluid oz/Gallon:	12	11	10	9	8
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Temperature:	55°F (13°C)	60°F (16°C)	65°F (18°C)	70°F (21°C)
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Fluid oz/Gallon:	7	6	5	4
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Temperature:	75°F (24°C)	80°F (27°C)	85°F (29°C)	90°F (32°C)
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Fluid oz/Gallon:	3.5	3	2.5	2
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<b>Safety:</b>	Use with adequate ventilation. Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult Neogard Safety Data Sheets and follow all local or national safety regulations.
<b>Surface preparation:</b>	According to Neogard system Guide Specifications.
<b>Preceding coat:</b>	According to Neogard system Guide Specifications.
<b>Subsequent coat:</b>	According to Neogard system Guide Specifications.
<b>Mixing:</b>	Jiffy Mixer preferred. Mix with 100 RTS, 200 RTS, 300 RTS, or 400 RTS for 30–45 seconds or until completely mixed. Note: Extended mixing time will shorten working time of the material.
<b>Storage temperature:</b>	Store at or below 77°F/25°C. Protect against direct sunlight. Contains paraffin, which may precipitate below 59°F/15°C. Mix thoroughly before use.
<b>Cleaning of tools:</b>	Clean tools with Neogard 800 PMMA Cleaning Agent only. Other solvents may contaminate PMMA/PUMA coatings, and cause the coating to cure improperly.

**Note:** 200 RTS is for professional use only.

**Issued by:** Hempel (USA) – 870JB

This Product Data Sheet supersedes those previously issued.

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