



## Technical Data Sheet

### PRIMAL™ EC-1791

100% Acrylic Polymer

#### Description

PRIMAL™ EC-1791 is an all-acrylic latex polymer developed specifically to help improve wet and dry adhesion for protective elastomeric roof coatings. PRIMAL™ EC-1791 provides excellent durability and dirt pickup resistance, helping to reduce the darkening of light-colored roof coatings over time for long-term energy efficiency.

#### Applications

- Acrylic waterproofing membranes

#### Benefits

- Excellent exterior durability
- UV light resistance
- Low-temperature flexibility down to -25°C
- Dirt pickup resistance
- Low toxicity and odor
- Excellent adhesion a variety of substrates such as concrete, metal and asphaltic surfaces
- High solar reflectivity, which reduces roof surface temperatures, helping prolong roof life and reduce energy costs
- Tensile strength and elongation
- Easy application by spray, brush or roller, resulting in low installation costs
- Simple cleanup with water

#### Physical Properties

Appearance	Liquid, milky white
Solids (Wt. %)	55.0
pH	9.5
Density, g/mL	1.04
Viscosity, @ 25°C, cPs	<200
Tg, °C (Calculated)	- 40
(MFFT), °C	0

These properties are typical but should not be considered specifications. For detailed specification rates please consult the product Certificate of Analysis.

#### Health & Safety Considerations

Safety Data Sheets (SDS) is available from The Dow Chemical Company. SDS is provided to help customers satisfy their own handling, safety and disposal needs and those that may be required by locally applicable health and safety regulations. SDS is updated regularly, therefore, please request and review the most current SDS before handling or using any product. For further questions consult your Dow contact person.

– May be shared with anyone

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## Handling & Storage

PRIMAL™ E-1791 should be stored at temperatures between 1°C and 40°C in tightly sealed containers. Avoid freezing of the material. Local legislation on storage must be followed. .

We recommend using the product under safety precautions as described in the SDS. Avoid contact with eyes and skin. Large quantities should be handled in a correctly ventilated area. Material can create slippery conditions. As the product contains water corrosion-resistance equipment should be used for processing. Low shear pumps like diaphragm pumps should be used.

## Product Stewardship

Dow has a fundamental concern for all who make, distribute and use its products, and for the environment in which we live. This concern is the basis for our product stewardship philosophy by which we assess the safety, health and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved with Dow products – from the initial concept and research to manufacture, use, sale, disposal and recycle of each product.

## Customer Notice

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