

## Advanced Materials

# RenGel<sup>®</sup> SW 5155 / Ren<sup>®</sup> HY 5159

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### KEY PROPERTIES

- Easy to apply with brush or spatula
- Good edge coverage
- Can be pre-cured at room temperature

### APPLICATIONS

- Construction of ~~cut~~ deep drilling, ~~on~~ ~~and~~ ~~in~~ ~~resin~~ ~~appro~~s
- Anc ~~ry~~ ~~ou~~ ~~d~~ ~~re~~ ~~fr~~ ~~u~~ ~~re~~s

### PRODUCT DATA

Property	Unit	RenGel <sup>®</sup> SW 5155	Ren <sup>®</sup> HY 5159
Appearance Colour	visual	high viscosity grey	cerise grey
Viscosity at 25°C	mPa s	2	2
Density	g/cm <sup>3</sup>	2	

\*\* Specified data are on a regular basis analysed. Data which is described in this document as 'typical' is not analysed on a regular basis and is given for information purpose only. Data values are not guaranteed or warranted unless if specifically mentioned.

### TYPICAL SYSTEM DATAS

#### PROCESSING

Mix ratio	Parts by weight
RenGel SW 5155	
Ren <sup>®</sup> HY 5159	

Mix the two components thoroughly in the recommended order.  
Apply in thin layers with brush or spatula. Ensure good edge coverage. For ensure the resin is strong and  
ready for proceeding.  
Post-curing process properties

## PROPERTIES

Resin/Hardener mix:	Volume	Unit	SW 5155 HY 5159
Appearance			grey
Pot life at 25°C	250 ml	min	
Demoulding time		h	2

**After cure: 7 days at RT or 14 hours at 40 °C**

Density	ISO 1183	g/cm <sup>3</sup>	
Hardness	ISO 868	shore D	
Deflection temperature	ISO 75	°C	2 / 2
Abrasion	Taber	g / u	

## STORAGE

Products should be stored in their original, properly closed containers in a cool, dry place, away from direct sunlight and moisture. Containers should be closed immediately after use.

## WORKING CONDITION

The products should be handled when the temperature is between 20 °C and 25 °C.

## PACKAGING

System	SW 5155	HY 5159
Quantity and Weight	g	x g
Quantity and Weight		x g
Quantity and Weight		x 2 gr

## HANDLING PRECAUTIONS

### Caution

Our products are highly flammable. Do not use them near open flames or heat sources. Avoid contact with skin and eyes. If contact occurs, wash immediately with water. Do not breathe the fumes. Use in a well-ventilated area. Do not use in confined spaces. Do not use in the presence of sparks or fire. Do not use in the presence of oxidizing agents. Do not use in the presence of acids or bases. Do not use in the presence of solvents. Do not use in the presence of moisture. Do not use in the presence of dust. Do not use in the presence of oil. Do not use in the presence of grease. Do not use in the presence of dirt. Do not use in the presence of any other contaminants. Do not use in the presence of any other hazardous materials. Do not use in the presence of any other hazardous substances. Do not use in the presence of any other hazardous agents. Do not use in the presence of any other hazardous factors. Do not use in the presence of any other hazardous conditions. Do not use in the presence of any other hazardous environments. Do not use in the presence of any other hazardous situations. Do not use in the presence of any other hazardous circumstances. Do not use in the presence of any other hazardous events. Do not use in the presence of any other hazardous incidents. Do not use in the presence of any other hazardous accidents. Do not use in the presence of any other hazardous disasters. Do not use in the presence of any other hazardous catastrophes. Do not use in the presence of any other hazardous emergencies. Do not use in the presence of any other hazardous crises. Do not use in the presence of any other hazardous conflicts. Do not use in the presence of any other hazardous tensions. Do not use in the presence of any other hazardous pressures. Do not use in the presence of any other hazardous stresses. Do not use in the presence of any other hazardous strains. Do not use in the presence of any other hazardous tensions. Do not use in the presence of any other hazardous pressures. Do not use in the presence of any other hazardous stresses. Do not use in the presence of any other hazardous strains.

## Huntsman Advanced Materials

Order No. 1  
Product No. 2  
Bore  
Order No.

Size 2  
Finish 2 2

Material No. 2  
E-Advanced 2



These Advanced Materials are intended for use in your products. See the specifications described in this document for the 'guide line' specifications. Do not use these materials for any other purposes unless they are specifically intended for that purpose.

The use of these materials in your products is not intended to be a substitute for the user's own engineering and design. The user is responsible for the design and construction of the product. The user is also responsible for the selection of the material and the processing parameters. The user is responsible for the safety of the product and the safety of the user.

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Except where expressly stated otherwise, the specifications referred to in this document are the specifications of the manufacturer. The user is responsible for the selection of the material and the processing parameters. The user is responsible for the design and construction of the product. The user is also responsible for the safety of the product and the safety of the user.

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