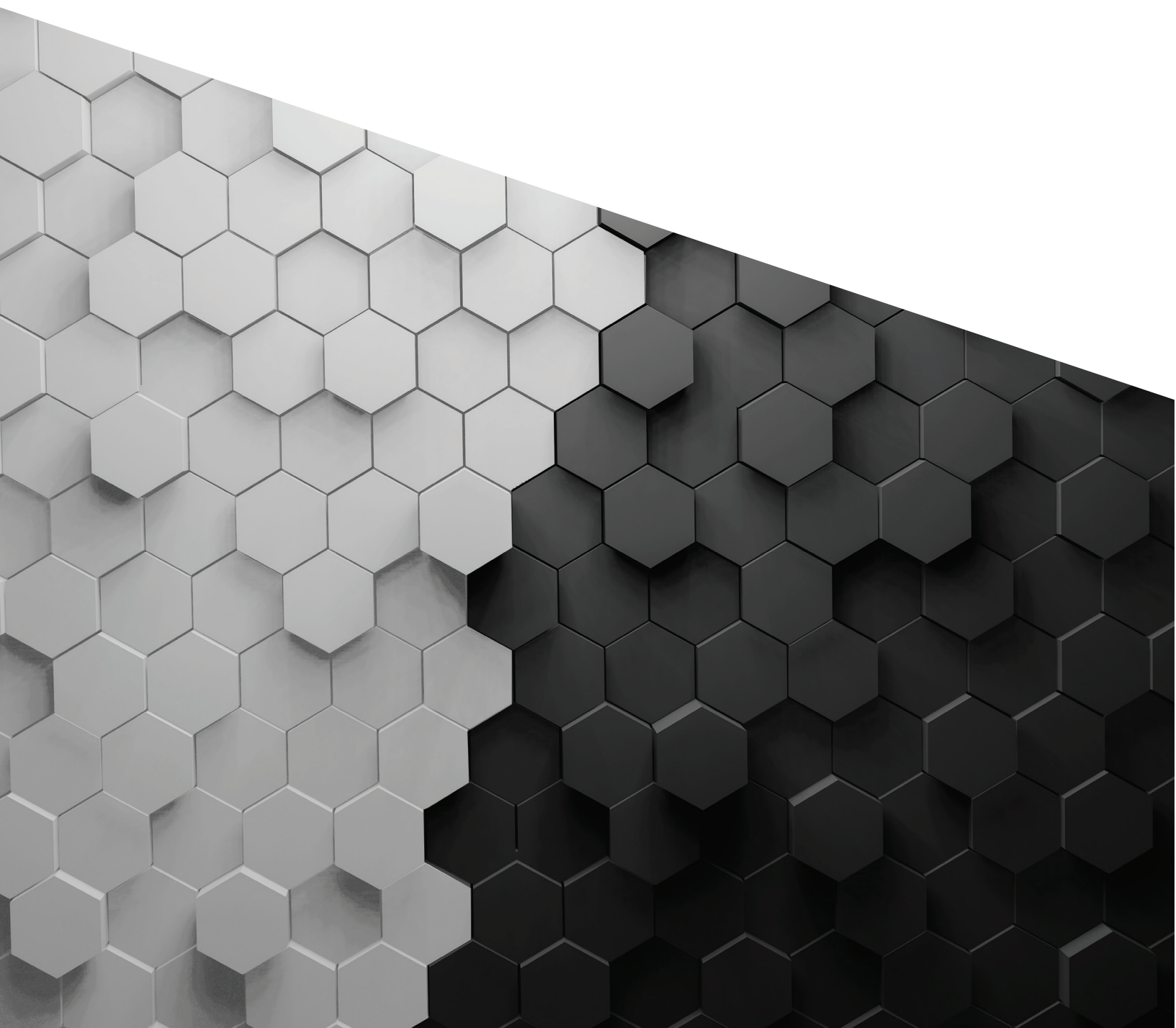




**EPS**  
Expandable Polystyrene Series

**EUROCELL<sup>®</sup>**

**RAVACELL<sup>®</sup>**



“Don't try to be  
the best, try to  
work with the  
best”

**Raf Van Gorp**  
Founder

## Ravago EPS Series

We/Eastchem joined to the group as a result of the global acquisition by Ravago in 2012 is utilizing the suspension polymerization technology, which is a world wide recognized and very sensitive chemical process in the EPS production, once more in a quality of world standards and is realizing in its facilities located in Izmir Aliaga an EPS production with an annual capacity over 220.000 MT.

Besides Aliaga plant, Ravago has two other manufacturing plants, Monotez in Greece and RP Compounds in Germany, producing EPS beads for the building and packaging industry and took the second biggest EPS producer position in Europe with a production capacity over 310.000 MT/year. EPS has created itself a broad utilization with its flexible structure in respect of processability in many areas and sectors. The fact that it is economical, safe and also recyclable is increasing the interest shown in this product day-by-day.

Our grades are well known for insulation, protection, and packaging.  
Insulation; Our building and construction products keep our houses warm in the winter and cool in the summer, saving us energy while offering excellent thermal conductivity levels.

Protection; We protect several of the products you use in your everyday life. Our beads have excellent shock absorption properties, so they are used in packaging your TVs, refrigerators, and laptops. Still, most importantly, they can also protect us using various products like safety helmets.

Packaging; Whether that is fish boxes, vegetables, fruit, meat trays, or even vaccine packaging, our packaging styrenics grades keep our goods and products fresh and safe.





**RAVACELL®**  
**EUROCELL®**

Grades	Application Parts	Particle Size(mm)
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**Eurocell R grades**

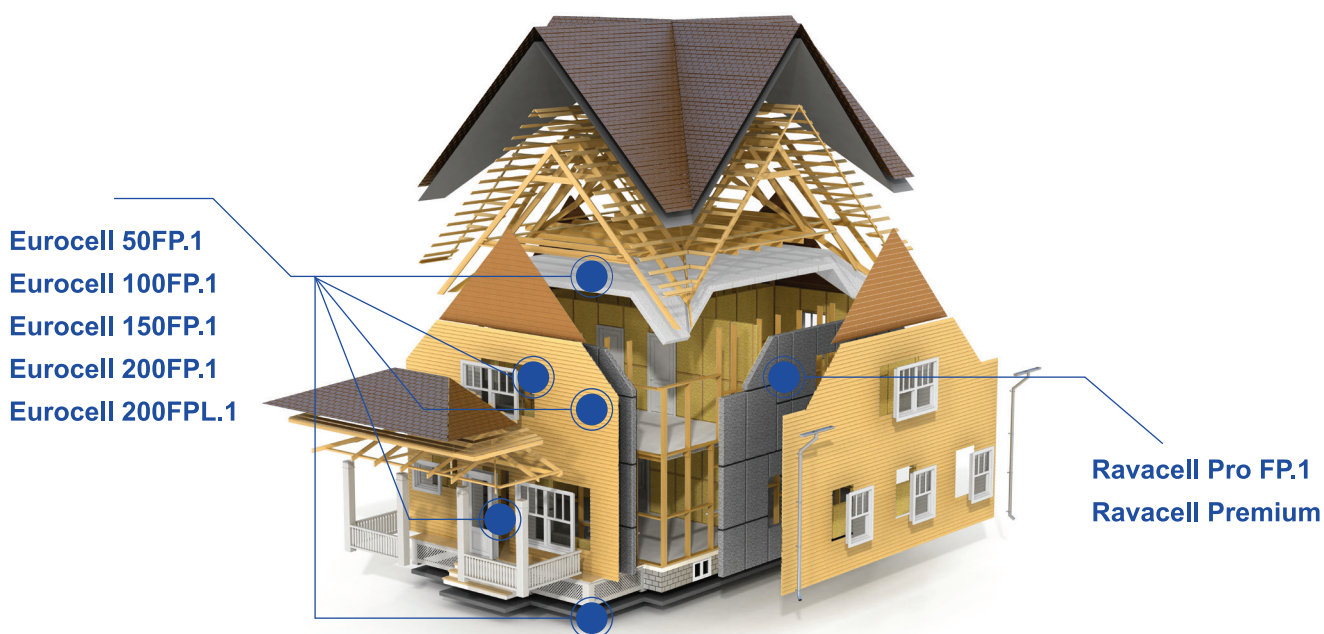
Eurocell 50R	Insulated thermal transport boxes	0.25-0.60
Eurocell 100R	Consumer durables, electronic appliances, insulated thermal transport boxes	0.40-0.80
Eurocell 150R	Consumer durables, electronic appliances, insulated thermal transport boxes	0.50-1.00
Eurocell 200RL	Consumer durables, asmolen	0.80-1.60

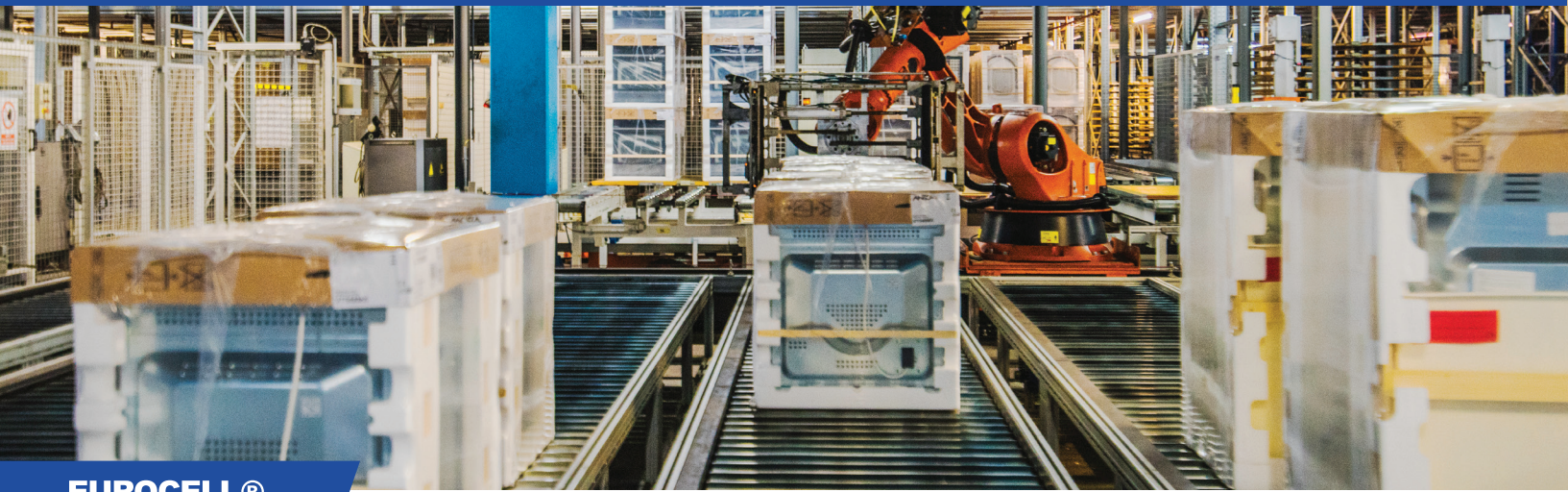
**Eurocell FP.1 grades**

Eurocell 50FP.1	Roof, wall and floor insulation, insulating	0.25-0.60
Eurocell 100FP.1	Roof, wall and floor insulation, insulating	0.40-0.85
Eurocell 150FP.1	Roof, sandwich panels, outdoor decorative, geofoam	0.70-1.12
Eurocell 200FP.1	Roof, wall insulation, decorative ceiling panels, asmolen, geofoam	0.80-1.60
Eurocell 200FPL.1	Roof, wall insulation, decorative ceiling panels, asmolen, geofoam, low density applications	0.80-1.60
Eurocell 300FP.1	Asmolen, low density applications	1.25-2.50

**Ravacell FP.1 grades**

Ravacell Pro FP.1	Thermal insulations, wall applications, floor and foundations, ETICS	0.60-1.60
Ravacell Premium	Thermal insulations, wall applications, floor and foundations, ETICS	0.60-1.60





**EUROCELL®**

# White goods and Packaging

	Grades	Particle Size(mm)	Density Range(kg/m <sup>3</sup> )
<b>Electronic Appliances</b>	Eurocell 100R	0.40-0.80	22-35 (single exp.)
	Eurocell 150R	0.50-1.00	16-24 (single exp.)
<b>Insulated Thermal Transport Boxes</b>	Eurocell 50R	0.25-0.60	23-60 (single exp.)
	Eurocell 100R	0.40-0.80	22-35 (single exp.)
	Eurocell 150R	0.50-1.00	16-24 (single exp.)
<b>Consumer Durables</b>	Eurocell 100R	0.40-0.80	22-35 (single exp.)
	Eurocell 150R	0.50-1.00	16-24 (single exp.)
	Eurocell 200RL	0.80-1.60	10 and below (double exp.)





**RAVACELL®**  
**EUROCELL®**

# Building and construction

	Grades	Particle Size(mm)	Density Range(kg/m³)
<b>Roof, wall and floor insulation, insulating</b>	Eurocell 50FP.1 Eurocell 100FP.1 Ravacell ProFP.1 Ravacell Premium	0.25-0.60 0.40-0.85 0,60-1,60 0,60-1,60	25-60 (App density must be > 25 kg/m³) 22-35 (single exp.) 12 (Double exp.)-25 (single exp.) 12 (Double exp.)-25 (single exp.)
<b>Roof, wall and floor insulation, insulating, decorative ceiling panels, technical moldings</b>	Eurocell 150FP.1 Eurocell 200FP.1 Ravacell Pro FP.1	0.70-1.12 0.80-1.60 0.60-1.60	16-24 (single exp.) 12 (Double exp.)-15/22 (single exp.) 12 (Double exp.)-25 (single exp.)
<b>Wall applications, lower densities</b>	Eurocell 200FPL.1 Eurocell 300FP.1	0.80-1.60 1.25-2.50	10 (Double exp.)-14 (single exp.) 10 and below (Double exp.)
<b>Perimeter insulation, flat roof insulation, sanitary components, lower density applications Asmolen (filler)</b>	Eurocell 300FP.1	1.25-2.50	10 and below (Double exp.)

Application Areas		Eurocell 100FP.1	Eurocell 150FP.1	Eurocell 200FP.1	Eurocell 200FPL.1	Eurocell 300FP.1	Ravacell Pro FP.1	Ravacell Premium
Roof Applications	Terrace Roof	●						
	Pitched Roof							
	Over Slab Applications	●	●					
Wall Applications	Rafter Level Applications	●	●	●	●			
	Exterior Wall			●	●		●	●
	Interior Wall	●						
Ceilings	Cavity Wall	●						
	Cellar Wall	●						
Ceilings	Cellar Ceiling			●	●			
	Drop Ceiling			●	●			
Floor Applications	Floor Covering	●					●	●
	Intermediate Coverings	●					●	●
	Floor Heating Coatings	●					●	●
Sandwich Panel	Core Filling Materials	●	●	●	●		●	●
Indoor Decorative	Plasterboard,	●						
	Ceiling Covering	●						
	Lamp Hub	●						
Outdoor Decorative	Jamp	●	●					
	Window Ledge	●	●					
	Molding	●	●					
	Further Frontal App	●	●				●	●
Asmolen (filler)	Ribbed Floor			●	●	●	●	●
Geofoam	Platform Approaching	●	●	●	●			



**RAVACELL®**  
**EUROCELL®**

# Decoration

		Particle Size(mm)	Density Range(kg/m <sup>3</sup> )
<b>Indoor Decorative</b>	Eurocell 50FP.1	0.25-0.60	25-60 (single exp.)
	Eurocell 100FP.1	0.40-0.85	22-35 (single exp.)
<b>Outdoor Decorative</b>	Eurocell 100FP.1	0.40-0.85	22-35 (single exp.)
	Eurocell 150FP.1	0.70-1.12	16-24 (single exp.)

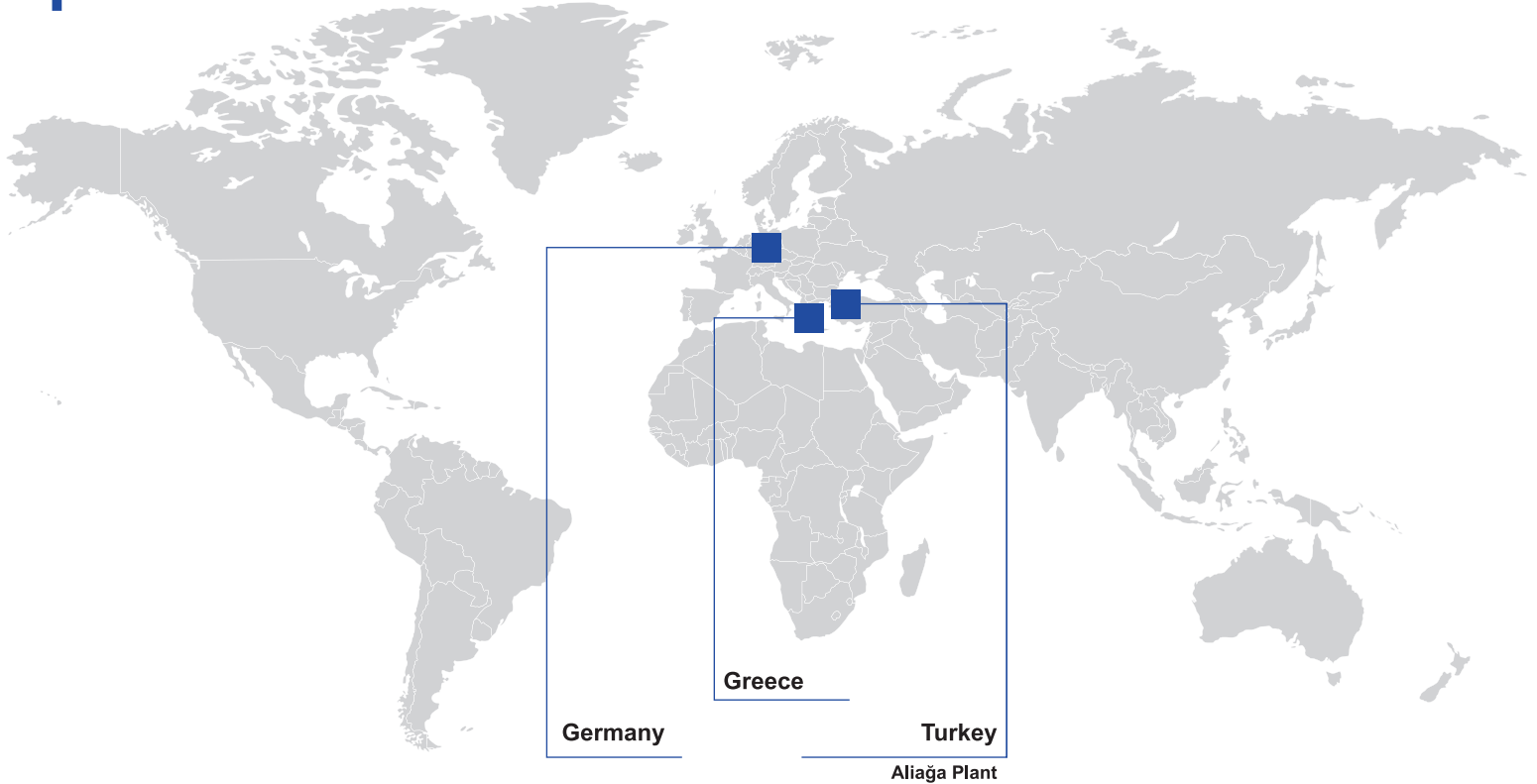
# Consumer goods

		Particle Size(mm)	Density Range(kg/m <sup>3</sup> )
<b>Special Packaging App.</b>	Eurocell 200RL	0.80-1.60	10 and below (double exp.)
	Ravacell Pro FP.1	0.60-1.60	12 (double exp.)-25 (single exp.)
	Eurocell 100FP.1	0.40-0.85	22-35 (single exp.)
	Eurocell 150FP.1	0.70-1.12	16-24 (single exp.)





# Ravago EPS plants



📍 Ravago Petrokimya Üretim A.Ş.  
Çoraklar Mh. 5000 Sk. No:7-17 AOSB Aliğa/ Izmir / Türkiye

☎ +90 850 314 70 99

🌐 [www.ravagopetrokimya.com](http://www.ravagopetrokimya.com) ✉ [eps.sales.tr@ravago.com](mailto:eps.sales.tr@ravago.com)



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