

# FOOD & BEVERAGES

“ Enhancing food & beverage manufacturing with advanced purification solutions ”

Haycarb Activated Carbon is renowned for its exceptional purification and filtration capabilities, making it an ideal choice for the food & beverage manufacturing industry. Our activated carbon play vital roles in purifying water, ensuring consistent quality and taste in the beverages produced. We provide services for a wide range of activated carbon applications and industries, including edible oil filtration, refining sugar syrups, purifying glycerin, alcohol and carbon dioxide purification (CO<sub>2</sub>) in the soft drink and brewing industries and processing food ingredients and derivatives.

Many beverages use water from public mains, deep wells, or springs. This water is typically disinfected with chlorine, ozone, or chloramine to remove microorganisms. Haycarb’s activated carbon products, including Powdered Activated Carbon (PAC) and Granular Activated Carbon (GAC), meet international food grade standards such as the Food Chemical Codex (FCC), making them suitable for use in the food and beverage processing industry. In addition to purification uses, Haycarb offers a GMP-certified range of products suitable as direct additives in food items such as ice cream and baked goods. Our products are recognized as the preferred solutions in the food and beverage industry.



## TECHNICAL INFORMATION

Parameter	Value	Test Method
Iodine No* (mg/g)	900 - 1200	ASTM D4607
Moisture Content (w/w)	<5	ASTM D2867
Hardness No %	98	ASTM D3802
Apparent Density (g/cc)	0.5 Typical	ASTM D285
De-chlorination half value length** (cm)	1.7 - 2.5	DIN 19603
ASTM Particle Size*	8 x 30, 12 x 40, 14 x 45, 18 x 40, 20 x 50	ASTM D2862

\*Products can be customized for specific requirements    \*\*For relevant grades



ecovadis



**HAYCARB**  
Activated carbon solutions

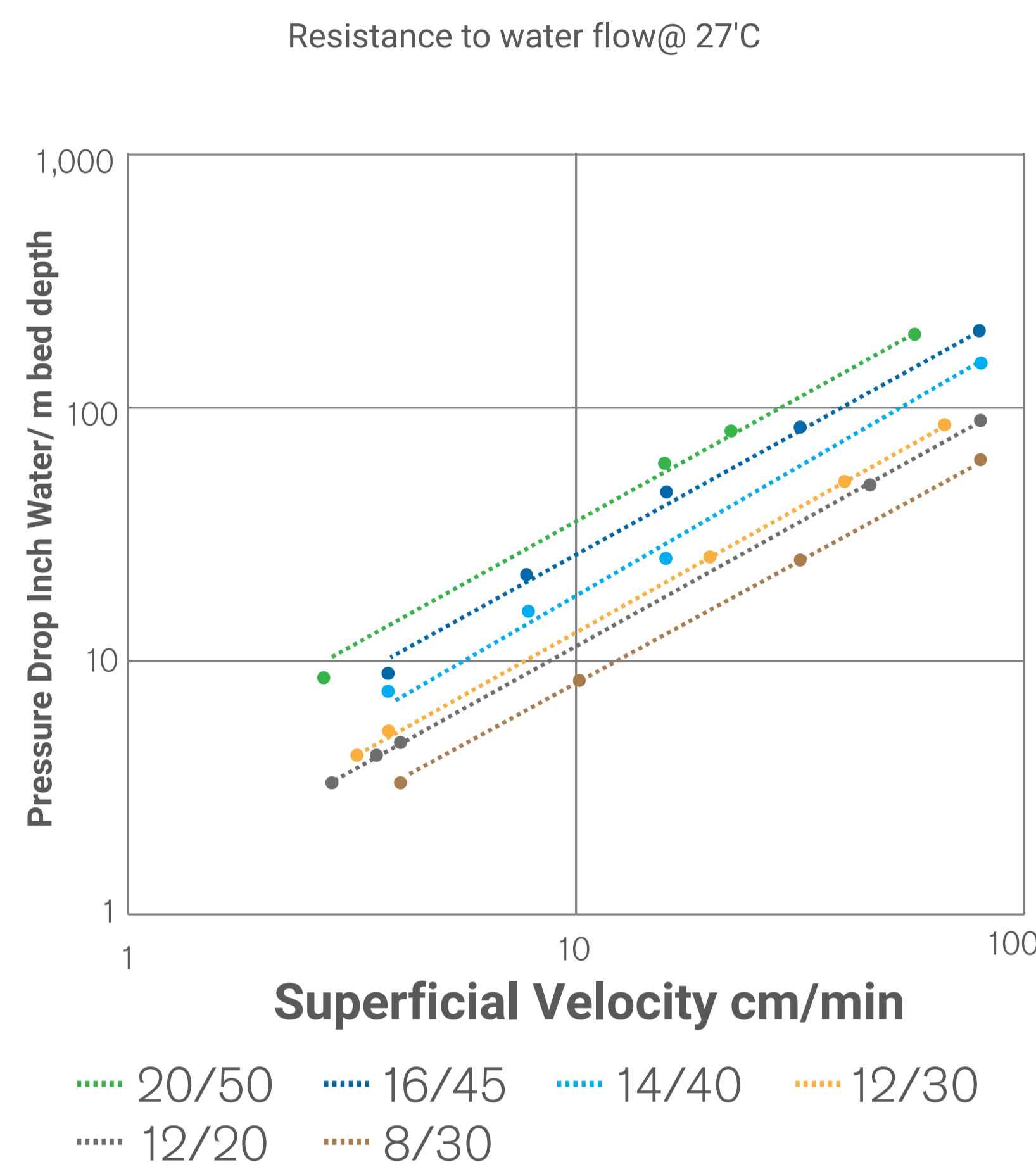


Haycarb's Granular Activated Carbon (GAC) effectively removes disinfecting agents like chlorine, ozone, and chloramine, as well as by-products such as trihalomethanes and other organic compounds from water used in beverage production. Additionally, our tailored Powdered Activated Carbon (PAC) products efficiently eliminate carcinogenic polycyclic aromatic hydrocarbons (PAHs), heavy polynuclear aromatics (HPNAs), and persistent organic pollutants from various edible oils, ensuring optimal purification. Haycarb also specializes in colour removal solutions, catering to specific requirements in refining sugar syrups and other food-grade liquids.

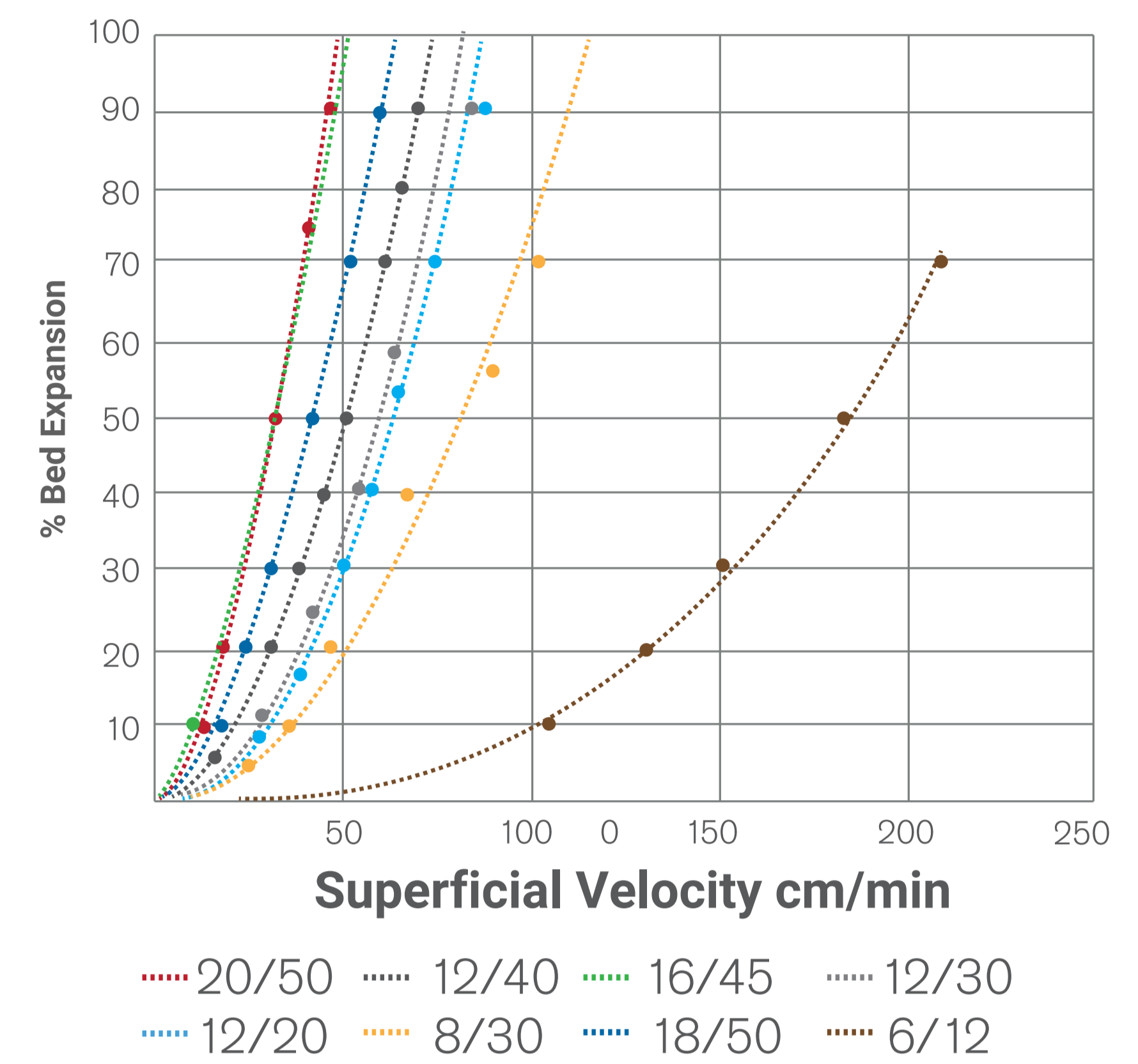
## APPLICATIONS



## Pressure Drop Curve



## Bed Expansion on Backwash

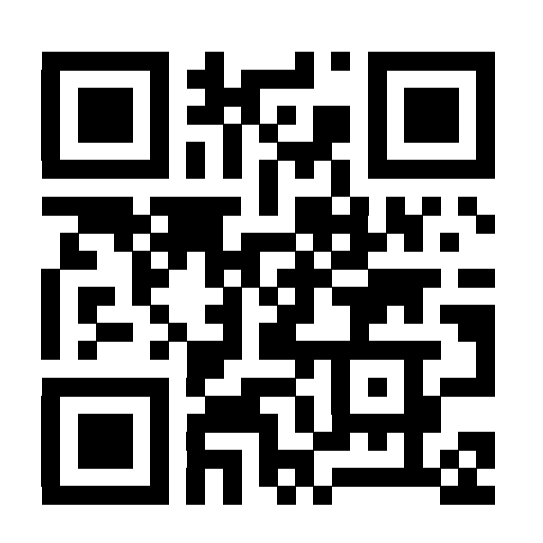


**PACKAGING:** Standard packaging is primarily designed to prevent the deterioration of accurately graded granules and to prevent the adsorption of moisture or atmospheric contaminants. Other packaging criteria can be accommodated upon request.

**BULK BAG**  
Net. 500 kg

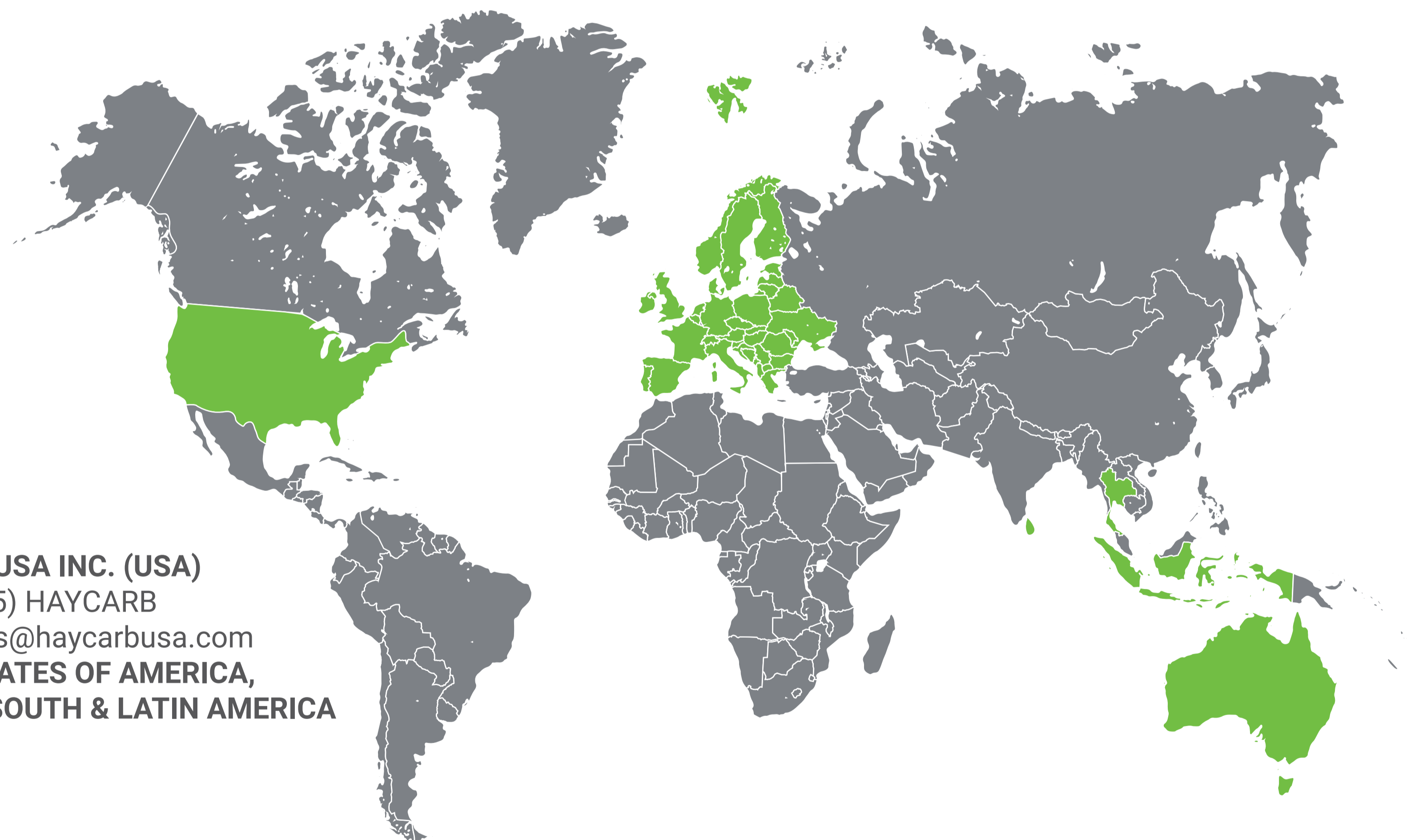
**BOXES**  
Net. 10 kg

**SACKS**  
Net. 25 kg



'ACTIVATE' Haycarb's  
ESG Roadmap 2030

## CONTACT US



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