

# Expanded Clay Aggregate (ECA®) Sizes (0-30 mm)

To order an evaluation sample, please visit: <https://bit.ly/2Tes0FM>

R - Rounds | C - Crushed



R 15-30mm



R 8-15mm



R 2-10mm



R 1-4mm



R 0-1mm



C 2-10mm

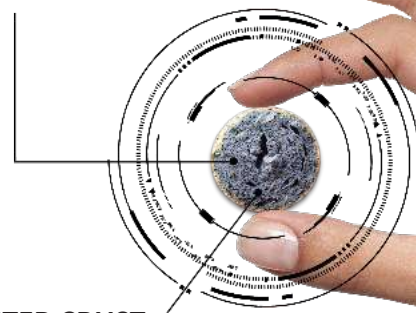


C 1-4mm



C 0-1mm

POROUS AND LIGHT INTERIOR



RESISTANT OUTER CRUST

RIVASHAA®  
ECO DESIGN SOLUTIONS  
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# ECA Density and Size Chart

## ECA® (Rounds) – Expanded Clay Aggregate

Expanded Clay Aggregate (ECA®) Size	Density kg/m <sup>3</sup>	Weight (Kgs ) Per 50/100 liter bag	Packing Details
0 - 1 mm	800-880	50 Liters: 40-44 kgs, 100 Liters: 80-88 kgs	50 Liters Bags 100 Liters Bags 1 CBM Jumbo Bags
1 - 4 mm	500-580	50 Liters: 25-29 kgs, 100 Liters: 50-59 kgs	50 Liters Bags 100 Liters Bags 1 CBM Jumbo Bags
2 - 10 mm	340-400	50 Liters: 17-20 Kgs, 100 Liters: 34-40 Kgs	50 Liters Bags 100 Liters Bags 1 CBM Jumbo Bags
8 - 15 mm	280-340	50 Liters: 14-17 Kgs, 100 Liters: 28-34 kgs	50 Liters Bags 100 Liters Bags 1 CBM Jumbo Bags
15 - 30 mm	260-320	50 Liters: 13-16 Kgs, 100 Liters: 26-32 kgs	50 Liters Bags 100 Liters Bags 1 CBM Jumbo Bags

## ECA® (Crushed) – Expanded Clay Aggregate

Expanded Clay Aggregate (ECA®) Size	Density kg/m <sup>3</sup>	Weight (Kgs ) Per 50/100 liter bag	Packing Details
2 - 10 mm	280-340	50 Liters: 14-17 kgs, 100 Liters: 28-34 kgs	50 Liters Bags 100 Liters Bags 1 CBM Jumbo Bags
1 - 4 mm	340-420	50 Liters: 17-21 kgs, 100 Liters: 34-42 kgs	50 Liters Bags 100 Liters Bags 1 CBM Jumbo Bags
0 - 1 mm	720-800	50 Liter: 36-40 Kgs, 100 Liter: 72-80 kgs	50 Liters Bags 100 Liters Bags 1 CBM Jumbo Bags

**For Exports:**

**Name :** ECA<sup>®</sup> Expanded Clay Aggregate

**Harmonized System Code (HS Code) :** 68062000

**Stowage Details for ECA<sup>®</sup> R ( Rounds ) , C ( Crushed )**

**Max Stuffing Allowed :** 26 Mtons ( 20 Feet Dry Cargo Container & 40 Feet High Cube Container )

**Palletization :** ISPM 15 Compliant

**Port of Loading :** Kandla Port/ Mundra Port, Gujarat State, India

**1 Cubic Meter = 1000 Liters ( 20 Bags of 50 Liters each or 10 Bags of 100 Liter each )**

Product Name ECA <sup>®</sup>	20 Feet Dry Cargo Container Cubic Meters ( CBM )	40 Feet High Cube Container Cubic Meters ( CBM )
<b>R 2-10 mm</b> <b>R 8-15 mm</b> <b>R 15-30 mm</b> <b>C 2-10 mm</b>	30 CBM 600 Bags of 50 Liter each 300 bags of 100 Liter each	50 Litres / 100 Litres – <b>65 CBM</b> 50 Litres – 1300 Bags 100 Litres – 650 Bags without Pallets 2.75 M3 Jumbo Bag – <b>55 CBM</b> <b>20 Jumbo bags</b> <b>With Pallets</b>
<b>R 1-4</b>	30 CBM 600 Bags of 50 Liter each	50 Litres – 37 CBM 50 Litres – 740 Bags
<b>R 0-1</b>	30 CBM 600 Bags of 50 Liter each	50 Litres – 31 CBM 50 Litres – 620 Bags
<b>C 1-4</b>	30 CBM 600 Bags of 50 Liter each	50 Litres – 43 CBM 50 Litres – 860 Bags
<b>C 0-1</b>	30 CBM 600 Bags of 50 Liter each	50 Litres – 34 CBM 50 Litres – 680 Bags

ECA<sup>®</sup> OR Expanded Clay Aggregates or any of their **INGREDIENTS ARE NOT DERIVED FROM PLANTS, ANIMALS, HUMANS, FUNGI, MICRO-ORGANISMS, OR A FERMENTATION PROCESS.**

ECA<sup>®</sup> OR Expanded Clay Aggregates **DOES NOT CONTAIN ASBESTOS**



# ECA<sup>®</sup> - Expanded Clay Aggregate Calculation Chart

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A litre is a metric unit used to measure volume or capacity. As ECA<sup>®</sup> - Expanded Clay Aggregate is a light weight aggregate and is a voluminous product and the unit of measurement **will always be in litre.**

Please refer to the **ECA<sup>®</sup> density chart** for more details on the weight of a 50 liter bag based on different shapes and sizes. (ROUNDS AND CRUSHED forms of ECA<sup>®</sup>)

## **GENERAL CALCULATION OF VOLUME FOR ECA<sup>®</sup>**

1 CBM (cubic meter) / 1 M3 (metric cube) = 1000 Litre = 20 NO. BAG OF ECA (50 litre)

1 Ft3 (cubic foot) = 28.3 Litre

## **ECA<sup>®</sup> BAG (50 Liter) CONTAINS VOLUME**

1 BAG OF ECA = 0.05 CBM (Cubic Meter)

1 BAG OF ECA = 1.75 Ft3 (Cubic Foot)

## **ECA<sup>®</sup> BAG (50 Liter.) COVERAGE / SPREAD PER BAG**

50 mm Thick = 10.5 Sq. feet approximately

75 mm Thick = 7.0 Sq. feet approximately

100 mm Thick = 5.25 Sq. feet approximately





## Reference: Packing Bag for Rounds 8-15 ECA®

**Bag:** Gusseted Poly Bag **UV Resistant**

**Litres:** 50 litres Bag

**Bag Type:** Transparent

**Bag Size:**

50Liters: Width 14 inches X G 3.5 inches X G 3.5 inches X Height 36 inches

10 Liters: Width 12 inches X G 4 inches X G 4 inches X Height 16 inches

**Printing Option:** Available in Centre

**Printing Area:** 12 inches X 9 inches Label (Printing Area)

**Print Area Background:** White with an approved label

We can offer you the packing in **50 liters, 10 liters, and 2 liters** bags with your brand logo printed as per your design requirements.

**Jumbo Baffle Bags ( P.P. ) Polypropelene with U.V. Stabilizer,  
Laminated with 4 Corner Loops  
Capacity: 2.5 m3 (CBM ), GSM: 180 gsm, Weight Capacity: 1400 kgs  
Dimensions: 1.05m L X 1.05m W X 2.2m H**

