

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 2-8mm



R 1-4mm



R 0-1mm



C 2-8mm



C 1-4mm

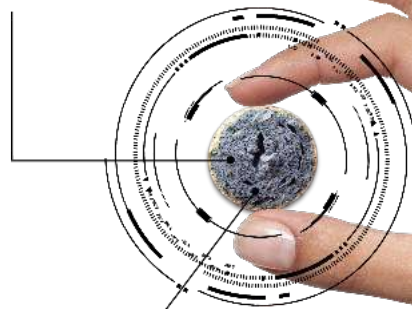


C 0-1mm



HDC 2-8mm

POROUS AND LIGHT INTERIOR



RESISTANT OUTER CRUST

RIVASHAA®
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ECA Density and Size Chart

ECA® (Rounds) – Expanded Clay Aggregate

Expanded Clay Aggregate (ECA®) Size	Density kg/m ³	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	440-520	50 Liters: 22-26 kgs, 100 Liters: 44-52 kgs	50 Liters Bags 100 Liters Bags 1 CBM Jumbo Bags
2 - 8 mm	340-420	50 Liters: 17-21 Kgs, 100 Liters: 34-42 Kgs	50 Liters Bags 100 Liters Bags 1 CBM Jumbo Bags
8 - 15 mm	280-360	50 Liters: 14-18 Kgs, 100 Liters: 28-36 kgs	50 Liters Bags 100 Liters Bags 1 CBM Jumbo Bags
15 - 30 mm	240-320	50 Liters: 12-16 Kgs, 100 Liters: 24-32 kgs	50 Liters Bags 100 Liters Bags 1 CBM Jumbo Bags

ECA® (Crushed) – Expanded Clay Aggregate

Expanded Clay Aggregate (ECA®) Size	Density kg/m ³	Weight (Kgs) Per 50/100 liter bag	Packing Details
2 - 8 mm	280-360	50 Liters: 14-18 kgs, 100 Liters: 28-36 kgs	50 Liters Bags 100 Liters Bags 1 CBM Jumbo Bags
1 - 4 mm	380-460	50 Liters: 19-23 kgs, 100 Liters: 38-46 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

ECA® (High Density Crushed) – Expanded Clay Aggregate (Construction)

Expanded Clay Aggregate (ECA®) Size	Density kg/m ³	Weight (Kgs) Per 50/100 liter bag	Packing Details
HDC 2-8 mm	560-700	50 Liters: 28-35 kgs, 100 Liters: 56-70 kgs	50 Liters Bags 100 Liters Bags 1 CBM Jumbo Bags

For Exports:

Name : ECA[®] Expanded Clay Aggregate

Harmonized System Code (HS Code) : 68062000

Stowage Details for ECA[®] R (Rounds), C (Crushed), HDC (High Density 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 [®]	20 Feet Dry Cargo Container Cubic Meters (CBM)	40 Feet High Cube Container Cubic Meters (CBM)
R 2-8 mm R 8-15 mm R 15-30 mm C 2-8 mm	30 CBM 600 Bags of 50 Liter each 300 bags of 100 Liter each	50 Litres / 100 Litres – 65 CBM 50 Litres – 1300 Bags 100 Litres – 650 Bags without Pallets 2.75 M3 Jumbo Bag – 55 CBM 20 Jumbo bags With Pallets
R 1-4	30 CBM 600 Bags of 50 Liter each	50 Litres – 37 CBM 50 Litres – 740 Bags
R 0-1	30 CBM 600 Bags of 50 Liter each	50 Litres – 31 CBM 50 Litres – 620 Bags
C 1-4	30 CBM 600 Bags of 50 Liter each	50 Litres – 43 CBM 50 Litres – 860 Bags
C 0-1	30 CBM 600 Bags of 50 Liter each	50 Litres – 34 CBM 50 Litres – 680 Bags
HDC	30 CBM 600 Bags of 50 Liter each	50 Litres – 39 CBM 50 Litres – 780 Bags

ECA[®] OR Expanded Clay Aggregates or any of their **INGREDIENTS ARE NOT DERIVED FROM PLANTS, ANIMALS, HUMANS, FUNGI,**

MICRO-ORGANISMS, OR A FERMENTATION PROCESS.

ECA[®] OR Expanded Clay Aggregates **DOES NOT CONTAIN ASBESTOS**



ECA[®] - Expanded Clay Aggregate Calculation Chart

A litre is a metric unit used to measure volume or capacity. As ECA[®] - 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[®] 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[®])

GENERAL CALCULATION OF VOLUME FOR ECA[®]

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[®] BAG (50 Liter) CONTAINS VOLUME

1 BAG OF ECA = 0.05 CBM (Cubic Meter)

1 BAG OF ECA = 1.75 Ft3 (Cubic Foot)

ECA[®] 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: Width 14 inches X G 3.5 inches X G 3.5 inches X Height 36 inches

Printing Option: Available in Centre

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

Print Area Background: White with an approved label

**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**

