



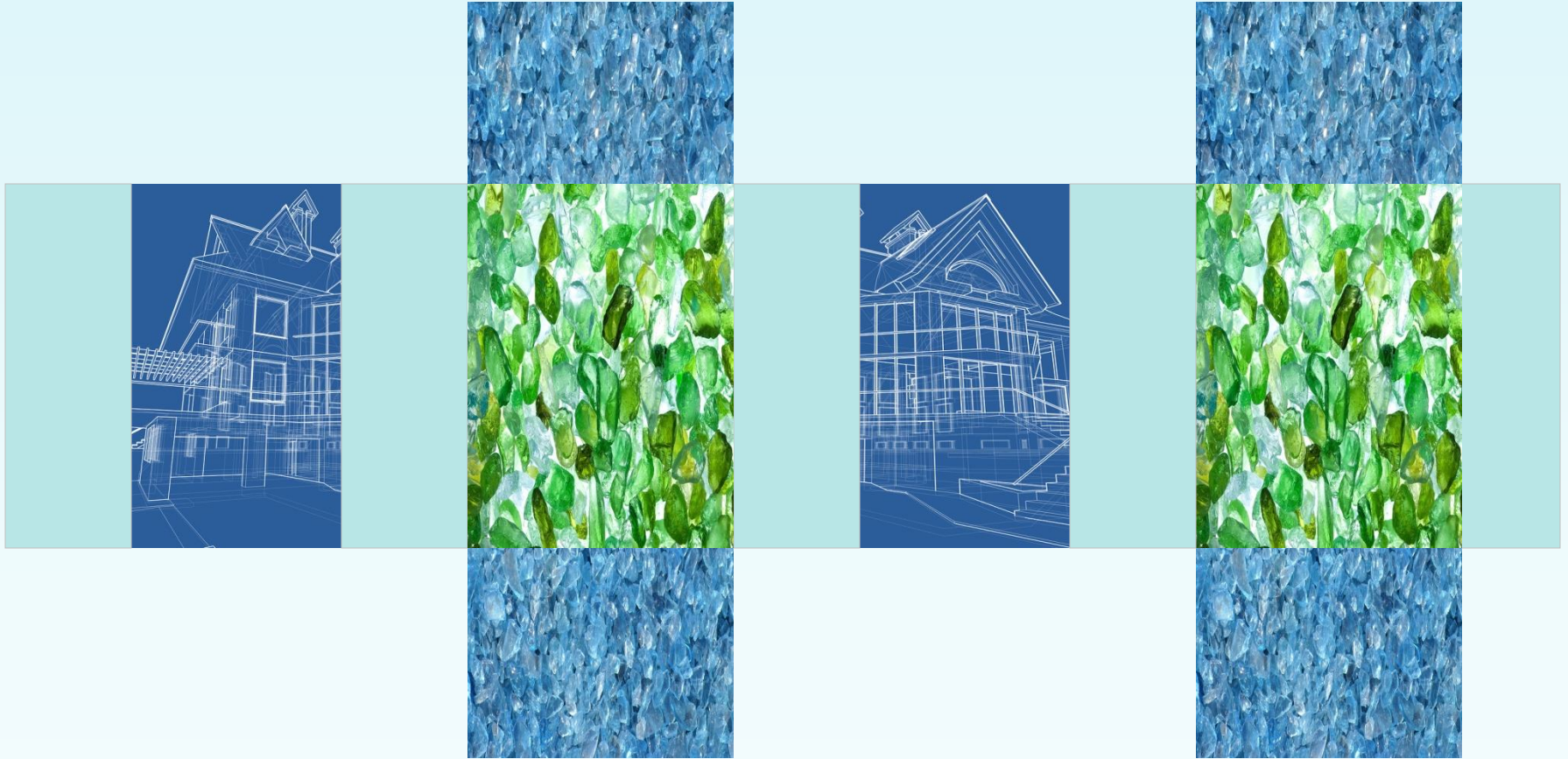
# **Andela Products**

## **Processing and Application of Recycled Glass Aggregate**



# RECYCLED GLASS AGGREGATE

## IN PHASES OF BUILDING CONSTRUCTION



# RECYCLED GLASS AGGREGATE

## SOURCES | MATERIALS

Unsorted glass bottles

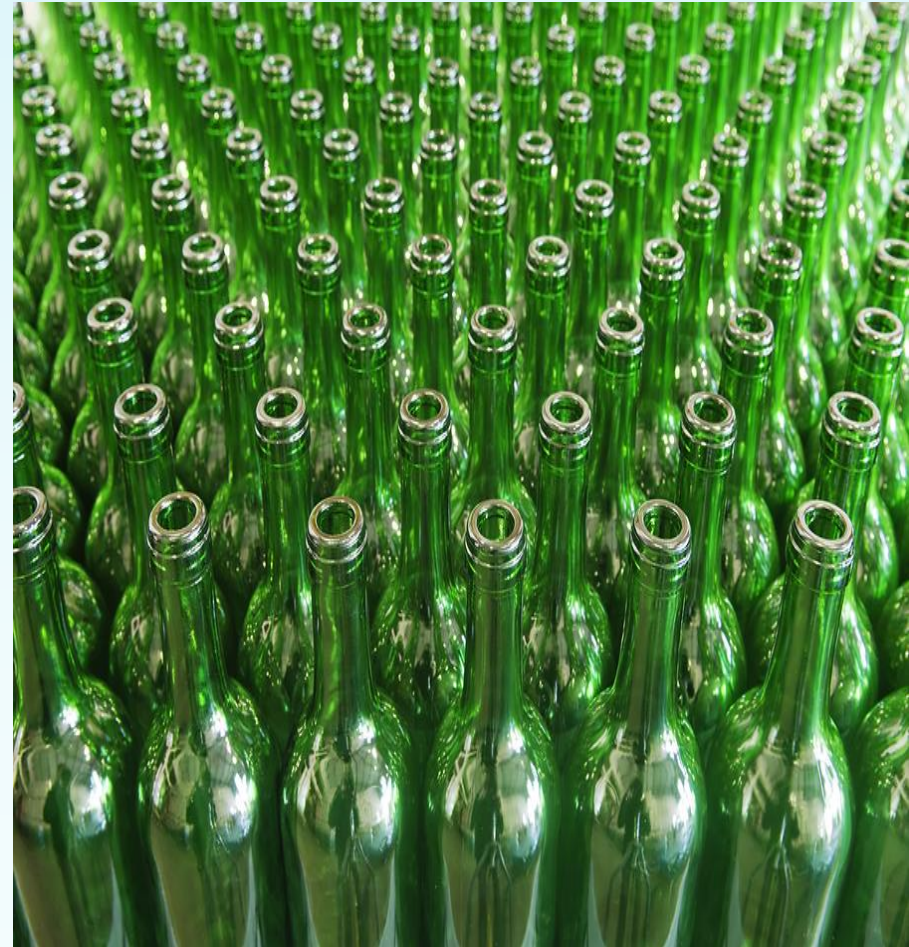
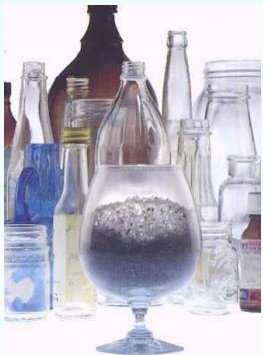
Whole or broken bottles

Plate glass

Tempered glass

Ceramics

Any frangible



# RECYCLED GLASS AGGREGATE PRODUCTION METHODS



**CRUSHERS**

**SCREENS/GRIDS**

**TUMBLING**

**PULVERIZATION PROCESS**



# RECYCLED GLASS AGGREGATE

## A PULVERIZING SYSTEM



Parts Featured:

Surge Hopper

Pulverizer

Trommel Separator



Featured: Andela Pulverizing System

Smooth, safe glass aggregate  
produced in various sizes

# RECYCLED GLASS AGGREGATE

## BENEFITS: INTENDED | INCIDENTAL

ECONOMIC DEVELOPMENT

REDUCED CARBON FOOTPRINT

HEALTH | SILICOSIS PREVENTION:  
Crystalline vs Amorphous Silica

LEED CREDITS

(Leadership in Energy and Environmental  
Design)



# RECYCLED GLASS AGGREGATE

## CONSTRUCTION SITE PREPARATION

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# RECYCLED GLASS AGGREGATE

## SITE PREP: DRAINAGE | SWELLS

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# RECYCLED GLASS AGGREGATE

## SITE PREP: UTILITY PIPE BEDDING

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# RECYCLED GLASS AGGREGATE

## SITE PREP: FLEX BASE

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# RECYCLED GLASS AGGREGATE

## SITE PREP: SEPTIC FIELD SAND

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# RECYCLED GLASS AGGREGATE

## FOUNDATION | SLAB | FOOTINGS



ENGINEERED  
CONSTRUCTION  
AGGREGATE

AGGREGATE SUBSTITUTE IN  
SLAB)

FRENCH DRAIN  
TERMITE BARRIER



# RECYCLED GLASS AGGREGATE

## ENGINEERED CONSTRUCTION AGGREGATE



# RECYCLED GLASS AGGREGATE

## CEMENT | AGGREGATE SUBSTITUTES

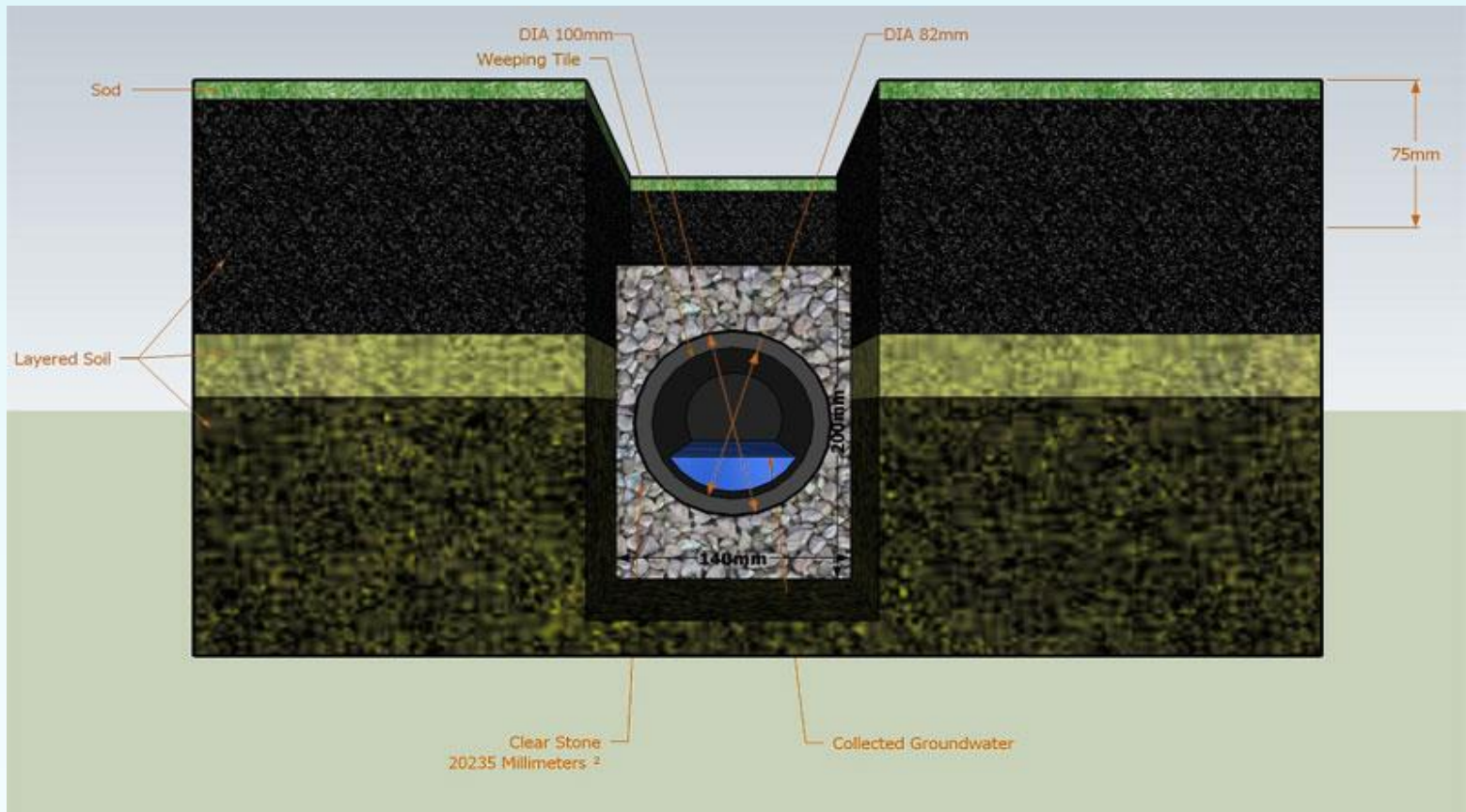
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# RECYCLED GLASS AGGREGATE

## FRENCH DRAIN



# RECYCLED GLASS AGGREGATE

## TERMITE BARRIERS

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# RECYCLED GLASS AGGREGATE

## STRUCTURE : EXTERIOR | INTERIOR

CONCRETE MASONARY  
UNITS (CMU)

PAVERS | SAND BASE

RAINWATER  
COLLECTION FILTER  
MEDIA

GLASSPHALT DRIVEWAY  
AND WALKWAYS

FIREPLACE/FIREPIT

# RECYCLED GLASS AGGREGATE CONCRETE MASONRY UNITS

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# RECYCLED GLASS AGGREGATE

## RAINWATER COLLECTION FILTER MEDIA

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# RECYCLED GLASS AGGREGATE

## GLASS-PHALT DRIVEWAYS | WALKWAYS



# RECYCLED GLASS AGGREGATE

## FIREPLACE | FIREPIT





# RECYCLED GLASS AGGREGATE LANDSCAPING

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# RECYCLED GLASS AGGREGATE DECORATIVE GROUNDCOVER

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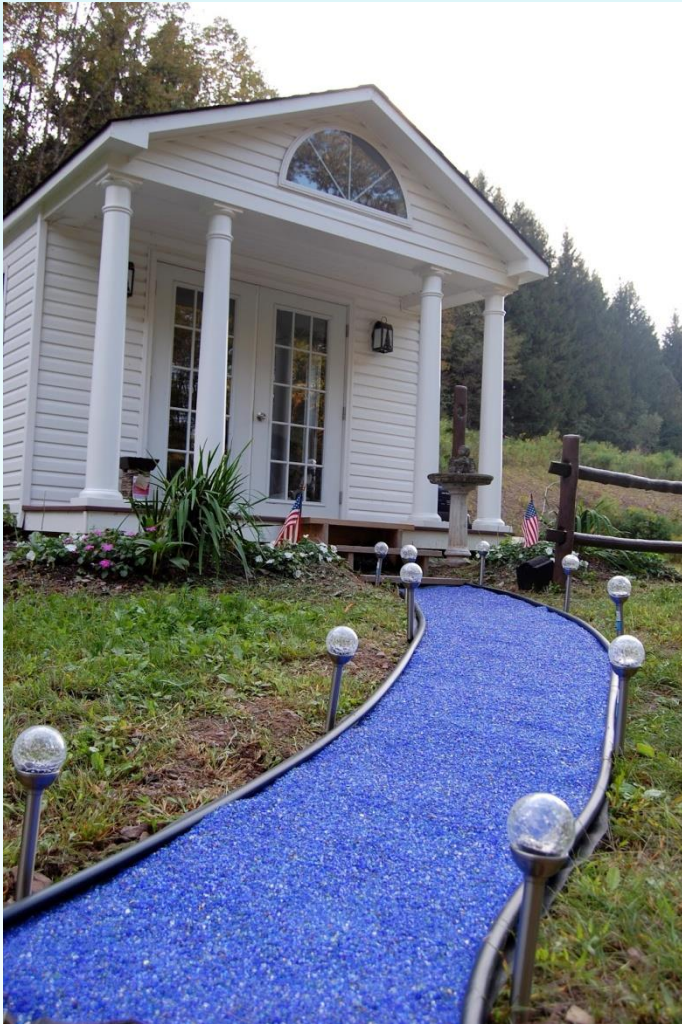




# RECYCLED GLASS AGGREGATE

## TRAILS | WALKWAYS

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# RECYCLED GLASS AGGREGATE

## MULCH | WATER CONSERVATION





# RECYCLED GLASS AGGREGATE

## COMPOST ADDITIVE | SAND SUBSTITUTE

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