



Rock Glue

Polyurethane Bonded Aggregate

Culvert and Drainage
Pond Application

What is a Polyurethane Bonded Aggregate (PBA)?

A PBA is an innovative method of bonding mineral aggregate together by using a polyurethane adhesive. Individual crushed stones are fixed together only at their contact points, resulting in a very open structure.

- PBA is innovative solution developed for shoreline protection and erosion control
- Stone fixed together at contact points with polyurethane
- Structure is a 3-dimensionally stable structure that is:
 - open porous
 - erosion-resistant
 - environmentally sound



Advantages of PBA

Rock Glue is both resilient and durable, providing effective erosion control, slope protection, and offer significant design flexibility for integration into natural landscapes.

- High porosity and permeability
- Resistance to heat, cold, and UV
- Ecologically compatible
- Open porous structure promotes revegetation
- Cost effective
- Easy to install
- Can install under water
- Large range of applications
- Eliminates need for specialty rocks around culverts and drainage areas



BL002

To learn more, please contact us.

403.730.8080 | rockglue@beyondlifting.ca | beyondlifting.ca

Freeze / Thaw Resistance of PBA

The permeable design of Rock Glue allows for expansion and contraction of water, eliminating damage from freeze/thaw cycles.



PBA -Revegetation

The monolithic, porous structure of Rock Glue easily conforms into various shapes and promotes natural revegetation.

