



Spartan® Earth Wheels

Composite Cerium Slurry-less Cup Polishing Wheels.

Surface Preparation Division



Description: The Earth™ Wheel is a proprietary unique composition of various compounds and agents that produce polish qualities comparable to felt and other traditional wheel materials. It is designed to be used without traditional cerium slurries under low pressure and with the use of water only.

A key advantage of Spartan Felt earth wheels is their ability to be impregnated with polishing agents such as cerium and zirconium directly into the wheel material.

This allows for:

- Water-only polishing processes (no external slurry required)
- Consistent abrasive delivery throughout the life of the wheel
- Cleaner operation with reduced mess and handling
- Improved process control and repeatability

By embedding cerium or zirconium into the wheel itself, Spartan Felt earth wheels provide a more efficient and streamlined polishing solution—especially valuable in glass finishing applications.

For Use On: Conventional and custom straight line edging and beveling machines to replace felt and rubber wheels that use cerium slurries.

Performance: Works well with water, provides a mirror finish, can be ordered mounted, balanced and trued ready for use. It does not need a long break-in period, resists glazing and does not require redressing if used per suggested procedure. Provides a cost savings on waste disposal since traditional cerium slurry is not typically needed.

