



VITAL

BY SANTANDERINA



TEXTILE DYEING SOLUTION FOR A BETTER WORLD

Vital is responsibility and commitment
Vital is ecology and respect
Vital is ethical fashion

**Vital is an ecological dyeing
process for a better world**



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300 garments dyed with the Vital process represent the same saving in CO₂ emissions as the CO₂ an adult **tree can purify during a whole year.**

The energy saved for each garment in the Vital dyeing process makes it possible to keep a **lightbulb on for more than an hour and a half.**

The Vital dyeing process consumes a **5-litre jug of water less for each garment.**



CONVENTIONAL DYEING PROCESS

VITAL DYEING PROCESS



[kg CO₂] / [1,000 kg of fabric]: 273.4



[kg CO₂] / [1,000 kg of fabric]: 182.4

- 33%

Less CO₂ emissions
into the atmosphere



[litres H₂O] / [1,000 kg of fabric]: 15,000



[litres H₂O] / [1,000 kg of fabric]: 1,200

- 92%

Less water consumption
during the dyeing
process



[MJ] / [kg of fabric]: 4.6



[MJ] / [kg of fabric]: 2.8

- 40%

Less energy
consumption during
the dyeing process

The Vital dyeing process is compatible with all kinds of materials, which means it can be applied to a wide and diverse base of textiles.

- > cotton
- > cotton / lycra
- > cotton / tencel
- > cotton / linen
- > tencel
- > other materials




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VITALEARTH

is a line of ecological fabrics respecting the planet based on the use of highly environmentally friendly dyes and the innovative Vital dyeing process that reduces water consumption and the energy used.



VITALDUO

is a special finish based on the Vital environmentally friendly dyeing process but with double-sided colour. This opens up a world of possibilities in looks and washing effects for the final garment.



VITALPRINT

is a print finish based on the Vital ecological dyeing process allowing enriched printing effects for all kind of fabric and looks of garment.