



SETTING THE STANDARD FOR CONCRETE COLORS

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Subject: Davis Colors Products/LEED information

Thank you for your interest in the LEED values of Davis Colors™ and the Environmental Policy of Huntsman Pigments and Additives, the parent company of Davis Colors. We manufacture Davis Colors™ and Hydrotint® color additives for concrete and concrete products. The Davis Colors™ and Hydrotint® products are manufactured at our Los Angeles, CA; Beltsville, MD and King of Prussia, PA facilities, so they will qualify for the local content point if the project is within 500 miles of our manufacturing facility. In addition, the products are made of 60% pre-consumer content, so they will qualify for the recycled content rule. Here are answers so some other common questions that arise regarding our Environmental policy and LEED:

Which LEED credits can concrete colors impact?

- Recycled Content (Materials and Resources Credit 4.1 and 4.2)
- Regional Materials (Materials and Resources Credit 5.1 and 5.2)
- Heat Island Effect: Non-Roof (Sustainable Sites Credit 7.1)

We manufacture powder, liquid and granular forms of color additives and we manufacture and install automatic color metering systems for use by concrete suppliers and ready mix companies. Our environmental policies govern our manufacturing practices at our color manufacturing plants:

Huntsman Pigments and Additives Environmental Policies

All manufacturing activities within Huntsman Pigments and Additives sites must be conducted to reduce impact on the environment. Whenever possible and economically feasible, the practice that has the least impact on the environment must be employed. Employees are encouraged and rewarded for suggesting new practices that decrease our environmental impact.

Existing Practices that Minimize Environmental Impact:

1. The major source of raw material utilized to produce our pigments is pre-consumer scrap steel and iron. The recycled content of our pigments is 60%.
2. Our Mix-Ready® product line is packed in a special paper sack, which is added directly to the concrete mixer where it disintegrates, releasing color pigment into the mix. This reduces jobsite waste and keeps empty bags from littering the environment.
3. All bags and boxes we utilize to package our products must contain in excess of 40% recycled paper content. Our corrugated boxes contain 60% recycled content.
4. The wood pallets we utilize for shipping products are 100% recycled, either made from recycled wood products or re-used from shipments delivered to us.
5. Our concrete sealer products are water-based and VOC-compliant, having less than 20% organic solvent content and they have been this way since 1989. This reduces a source of air-pollution.
6. All fork-lifts in our factories are powered by natural gas.
7. All operations in our factories are operated under permit by local air quality regulations. Dust-collectors are utilized in all operations to prevent dust release into the atmosphere.
8. We collect and re-cycle pigment from our dust-collection systems.
9. We collect and re-use all water utilized from our in-plant processes. No water is discharged into the sewer or into the environment from our pigment manufacturing operations. The only water discharged into the sewer is small amounts utilized in cleaning hand-tools and amounts from human activity.

If you have any questions regarding our products or our environmental policy, please contact us.



DAVIS COLORS & LEED

- Product is more durable or requires less maintenance than similar products (colored concrete versus vinyl floor tile for example)

SS Credit 7.1 – Reduce heat islands, non-roof

- Colored concrete versus asphalt paving. The SRI must be higher than 29 to receive a point.

MR Credit 2 – Construction waste management

- Liquid colors and mix-ready bags reduce construction site waste versus hardener for example or versus other materials that would come in packages like tile, paint or carpet.

MR Credit 4 – Recycled content

- integral colors are made from 60% pre-consumer recycled content

MR Credit 5 – Local/regional materials

- If the project is within 500 miles of our manufacturing plant, this is distance for local/regional materials

ID Credit 1 – Innovative design features

- Use colored concrete versus some type of floor covering that involves adhesives or sealants or volatile emitting carpets, etc.
- Use of pervious or integrally colored concrete walls versus wood.
- Leaving integrally colored structural columns exposed instead of covering with sheetrock and painting.
- Integrally colored paving marking strips versus painted lines.