



Technical Data

Satisfies the following:

- **ASTM C476, Properties**
Standard Specification for Grout for Masonry
- **ASTM C1019, Properties***
Standard Test Method for Sampling and Testing Grout for Masonry

*At an approximate slump of 8-11 in.

Description

ORCO Masonry Grouts are dry, factory-blended grouts designed to fill the cells of concrete block and similar masonry units.

Uses

Used as a grout for filling the cells of concrete block and similar masonry units. May be used on low lift or high lift grouting applications. For high lift grouting applications order with GA-213 R-Grout Aid for increased workability without increasing water content.

Packaging

- 90 lb paper bags (35/pallet)
- Store off ground in covered, cool, clean & dry location.
- Shelf life: 1 year from manufacture date.

Approximate Coverage

- 0.66-0.69 Cu.Ft. Yield per 90 lb bag w/1.3 - 1.5 gallons of water.

Safety

Always review Safety Data Sheet (SDS) prior to using this product. Available at ORCO.COM, or contact support.

Support

For questions, technical support, order inquiries, and product information, call (951) 685-8498 or email INFO@ORCO.COM.

Mixing & Installation

- Using a mechanical mixer is recommended - Hand mixing optional if approved by authority having jurisdiction.
- Do no mix at high speed - may entrap additional air
- Add to clean potable water - use the recommended water guidelines to achieve a slump of approximately 8-11 inches
- Place mixed grout by hand or pump.
- Place, vibrate and cure per ASTM, IBC, CBC, and local codes.

Limitations

- Do not apply when temperatures are below 40° F prior to cure.
- Ensure proper use of test cylinders for job site testing.
- Do not add any admixtures without prior consent.
- Proper curing is required.
- Follow ASTM guidelines for installation in high heat, cold or wind.
- Follow all applicable building codes.

Concrete - OBP Masonry (70/30) Grout 3000 PSI

Warranty & Claims

ORCO manufactured articles are warranted for 1 year, conforming to standards and specifications ORCO certifies and publishes at the time of shipment. **ORCO MAKES NO REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED (INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSES), OTHER THAN THE FOREGOING EXPRESS WARRANTY.** Products manufactured by others and sold by ORCO are solely warranted by the originating manufacturer. Use or installation of ORCO sourced product by the CUSTOMER shall be an admission by the CUSTOMER and conclusive proof that such articles are in every respect as warranted and shall release ORCO from any and all claims for damage or loss sustained by CUSTOMER. For product not yet installed, CUSTOMER must submit a written breach of WARRANTY notice within 7 calendar days of delivery. Upon ORCO's request, CUSTOMER is responsible for all costs incurred in returning product to the originating ORCO facility for evaluation. If ORCO's investigation supports the claim, the parties agree that CUSTOMER'S sole and exclusive remedies shall be replacement of the defective article or refund of the price of the defective article at ORCO's election. **IN NO EVENT SHALL ORCO BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.** Variations in color or shades of color, texture and site of aggregate are inherent in these products. Exact matches are never guaranteed. No claims will be allowed for these variations. Since natural gray products reflect the natural color of the raw materials used (no color is added during manufacturing), ORCO will reject any claim regarding gray color variation. Efflorescence (white powdery deposit) is a naturally occurring phenomenon and is not considered a defect. Samples of ORCO products are submitted as representative of type, color, shade, and texture. The products subsequently furnished may vary from such samples. ORCO will not be liable for and will not recognize any claims made after the start of installation on products said to be incorrectly sized or shaded, inconsistent texture, not matching prior shipments, or otherwise held to be unsatisfactory. Any charges incidental to inspection or tests made by or on behalf of the CUSTOMER to determine compliance with specifications shall be paid by the CUSTOMER. Natural elements - like sun, wind, and moisture - plus site specific conditions / applications may cause products to fade, which is never warrantable. All product weights and coverage / usage charts and listings are estimated. All product formulations and published product counts per pallet are subject to change without notice. ORCO does not obligate itself to furnish signed receipts for material delivered.

Caution

This product should only be used outdoors. Protective face and eye protection, impervious gloves, long pants and long sleeve shirts are recommended. Use NIOSH approved mask for silica dust. Prolonged exposure to dust may cause delayed lung disease. Freshly mixed materials may cause skin irritation. Avoid direct contact where possible and wash exposed skin areas promptly. If any materials get into the eyes, rinse immediately and repeatedly with clean potable water and get prompt medical attention. See SDS sheet.

Warning

This product can expose you to Silica, crystalline (airborne particles of respirable size) which is known to the State of California to cause cancer. For more information go to www.p65Warnings.ca.gov.

