



Polychem VR

Air Entraining Admixture

Polychem VR is a ready-to-use air-entraining agent in an aqueous solution of neutralized vinsol resin.

Polychem VR is used in exterior concrete such as sidewalks, curbs, highway paving, bridge decks, parking structures, or any other areas requiring protection from deicing salts and freeze-thaw damage.

APPLICABLE STANDARDS

Polychem VR meets or exceeds the requirements of ASTM C 260, CRD 13, and AASHTO M 154.

ADVANTAGES

- Improved resistance to freeze-thaw
- Reduced permeability of the concrete, and improved resistance to deicing salts
- Improved workability of the plastic concrete due to the lubricating action of microscopic air bubbles
- Reduced bleeding

SUGGESTED SPECIFICATION

All exterior concrete shall contain **Polychem VR** air-entraining agent, as manufactured by General Resource Technology, in an amount to yield ___% air in the concrete.

HANDLING

Polychem VR and its components are user-friendly, however, care should be exercised when handling or coming in contact with all chemical admixtures. Protective glasses or goggles are recommended. MSDS available.

DOSAGE RATES

Dosage rate of Polychem VR required to obtain a given percentage of entrained air will vary depending on slump, ambient temperature, temperature of the mix, use of fly ash, sand gradations, and the type of cement. **Polychem VR** is normally used at 1/8 to 3 fl. oz. per 100 lb. of cement. Trial batches should be run to confirm dosages.

TECHNICAL SERVICE

General Resource Technology has trained representatives as well as technical consultants available to all specifiers and users to assist with field use and promotion, specifications and dispenser services.

WARRANTY

General Resource Technology warrants **Polychem VR** to be free from defects in materials and manufacture. General Resource Technology is not responsible for conditions outside its control, including other materials, workmanship, design, inspection, supervision, labor, ambient temperature and field conditions, which are the proper responsibility of others.