



AC-50W ROOT INHIBITOR™

CHEMICAL ROOT INHIBITOR

DESCRIPTION

AC-50W contains a powerful root growth inhibitor that may be added to Avanti's soil stabilization and water control grout systems. Its low (20 ppm) solubility in water extends its effectiveness because the initial dosage is released slowly. Above-ground vegetation is unaffected by the root inhibitor in the grout. Dichlobenil is a specific, non-systemic growth inhibitor functioning only in the area of the treated soil by forcing the root to travel elsewhere for its water supply. After removing the roots with a chemical root control program or via mechanical means, many contractors use **AC-50W** to prevent future root growth while effectively stopping infiltration.

APPLICATION

- Inhibit the intrusion of roots into sewer lines
- For use with Avanti's chemically activated or hydrophilic urethane gel systems

FEATURES AND BENEFITS

- Small quantities produce effective results
- Uses trusted herbicide, Dichlobenil

HOW IT WORKS

AC-50W contains the powerful root inhibitor, 2,6-dichlorobenzonitrile. **AC-50W** may be added to either the **AV-100** or **AV-118** grout complex tank at a ratio of 0.2 lbs. (91 grams) of **AC-50W** for every 60-gallon batch. When using **AV-254** or **AV-350**, add 0.2 lbs. (91 grams) to the water tank. Avanti's gel systems are injected into the soil outside pipes or below-grade structures to produce a strong gel/soil matrix to stop water infiltration and stabilize the treated soil.

ADDITIVE FOR

- AV-100 Chemical Grout
- AV-118 Duriflex
- AV-254 Gelseal
- AV-350 Multigel

PACKAGING

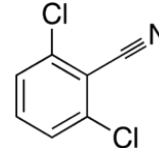
- Please contact Avanti for more information.

SHIPPING

- Motor Class 60
- Non-hazardous
- Air freight available

PROPERTIES

Chemical Name: 2,6-dichlorobenzonitrile (DCBN)
CAS Number: 1194-65-6
Concentration: 50%
Inerts: 50%



MIX PROCEDURE

Add 0.2 lbs. (91 g) to 1-gallon of water and mix according to respective product mixing instructions.

PERFORMANCE

All present root growth should be removed prior to the application of the grout. **AC-50W** is not intended to be used as a root or foliage herbicide, but rather as an inhibitor of future root growth into the treated area. The presence of roots will not be reversed by using this product. Please see Avanti International's Technical Manuals for more information on Avanti's long-term sealing systems.

STORAGE

Store in temperatures below 80°F (27°C) in a dry atmosphere. Shelf-life is 6 months when stored accordingly.

SAFETY

AC-50W for use in chemically activated or hydrophilic urethane gel systems only. Always use OSHA-approved personal protective equipment (PPE). Refer to the SDS for complete safety precautions. The SDS is available by request or via download at avantigrout.com.

NOTICE

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