

DIRECTIONS FOR USE

IMPEL® (BORON) RODS II for Remedial treatment of Utility Pole Structures are recommended for protection of non-food contact wood, against decay and insects. IMPEL® (BORON) RODS II can be used for all kinds of wood species.

IMPEL® (BORON) RODS II are not effective against all kinds of termites.

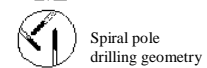
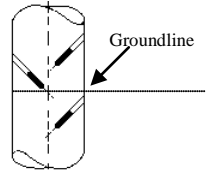
The IMPEL® (BORON) RODS II are to be used inside in wood with a permanent or periodical moisture content above the fibre saturation point (30%) for Poles, etc. The rate of application for IMPEL® (BORON) RODS II is dependent upon the volume of wood to be treated. The recommended load is up to 6 kg of Boric Acid per cu. metre of wood depending upon requirements for treatment. The loading should not be less than 2 kg of Boric Acid per cu. metre of wood. IMPEL® (BORON) RODS II contain 1.45 times equivalent Boric Acid (BAE).

For inserting the Rods, the three step process is as follows:

1. Drill 12.5mm holes to accommodate the rod size needed.
2. Insert the correct size and quantity of IMPEL® (BORON) RODS II needed into the pre-drilled holes (determined from area to be treated).
3. The holes are covered by caps (plugs). Never hammer the IMPEL® (BORON) RODS II during installation.

By using plastic or wood caps it is possible to carry out inspections perhaps in conjunction with the regular maintenance maybe every 5-8 years. If the rods have dissolved, new IMPEL® (BORON) RODS II are inserted into the holes. The remedial treatment is carried out at positions particularly susceptible to decay such as around groundline or other sensitive positions. In placing of the IMPEL® (BORON) RODS II use caution not to cause structural damage to the wood. If the pole is condemned, do not treat with IMPEL® (BORON) RODS II.

RECOMMENDED
DRILLING PATTERN



Note: Boring pattern selected shall comply with the Canadian Electrical Association Publication 118-D-318A, 1990, "Development of an Application Guide for the Use of Vapam" or if an alternative boring pattern is to be used, the applicator must receive written confirmation from the owner(s) of the pole stating that the selected boring pattern is acceptable and will not result in significant pole strength loss. Bore hole diameter shall not exceed 12.5mm when treating poles with IMPEL® (BORON) RODS II.

Rates: Apply to achieve a loading of 6 kg of Boric Acid per m³ of wood. An average per pole will be approximately 0.144kg of IMPEL® (BORON) RODS II.

The distance between the IMPEL® (BORON) RODS II should be 20 - 25cm in the zone to be protected.

PRECAUTIONS

Apply/use only in areas inaccessible to children and pets.

Wear long pants, long sleeved shirt, chemical-resistant coveralls, and chemical-resistant gloves when applying boron.

May be harmful, avoid contact with eyes and skin, avoid breathing dust, use only in a well ventilated area, wear freshly laundered clothes daily, store and wash all protective clothing separately from household laundry, wash clothes in detergent and hot water before reuse. May be fatal if swallowed. KEEP OUT OF REACH OF CHILDREN. Store in a dry location and out of contact with food and feed. Dispose of on-site empty containers

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in household garbage. Wash hands thoroughly after handling this product and before eating or smoking. Do not contaminate water courses or ground.

RECOMMENDED NUMBER OF IMPEL (BORON) RODS II PER SIZE FOR GROUNDLINE* TREATMENT				
Pole Diameter @ Groundline (cm)	Pole Circumference @ Groundline (cm)	Volume (Cu. meter)	Remedial Treatments (6 kg BAE/Cu.meter) 12mm x 100mm Rods 35 gram BAE/rod	Preventative Treatments (2 kg BAE/cu.meter) 12mm x 100mm Rods 35 gram BAE/rod
20	63-70	0.020	4	2
23	71-77	0.025	5	2
25	78-87	0.031	6	2
28	88-94	0.037	7	3
30	95-102	0.044	8	3
33	103-110	0.052	9	3
36	111-117	0.061	11	4
38	118-125	0.069	12	4
41	126-133	0.079	14	5
43	134-143	0.089	16	6
46	144-150	0.100	18	6
48	151-158	0.112	20	7
51	159-166	0.123	NR	8
53	167-174	0.136	NR	8
56	175-181	0.150	NR	9
58	182-188	0.163	NR	10
61	189-198	0.178	NR	11

*GROUNDLINE ZONE = The 60cm zone from 15cm above ground to 45cm below.
NOTE: A minimum of 2 rods is recommended even on smaller poles for adequate preservative distribution.
NR = Not Recommended. (Ask for technical advice)

FIRST AID

- If in eyes: Flush with plenty of water, call a physician.
- If on skin: Wash with plenty of soap and water.
- If swallowed: Call a physician or poison control centre. Drink 1 or 2 glasses of water and induce vomiting by touching the back of the throat with finger.
- If dust inhaled: Clear passageways; call a physician.
- Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION

Contains Anhydrous Disodium Octaborate.

DISPOSAL

1. Follow provincial instruction for any required additional cleaning of the container prior to its disposal.
2. Make the empty container unsuitable for further use.
3. Dispose the container in accordance with provincial requirements.

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4. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on this label. It is an offence under the Pest Control Products Act to use this product in a way that is inconsistent with the direction on the label. The user assumes the risk to persons or property that arises from any such use of this product.

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