

Select from the broadest portfolio of actives for in-can preservation of building and construction materials.

Products	Active Ingredient	Solvent/Carrier	Form	pH Compatibility	Efficacy*	Key Characteristics
BIOBAN™ BTCM Antimicrobial	10% BIT (1,2-benzisothiazolin-3-one) + 0.5% CMIT/MIT (Chloro-2-Methyl-4-isothiazolin-3-one / 2-Methyl-4-isothiazolin-3-one)	Aqueous dispersion	Liquid	2 - 12	B, F	Combination of two of the most common actives at globally accepted levels, fast-acting and long-term preservation, efficacy against <i>Pseudomonas</i>
KATHON™ LX 1.5% Biocide	1.5% CMIT/MIT (5-chloro-2-methyl-4-isothiazolin-3-one & 2-methyl-4-isothiazolin-3-one)	Water	Liquid	2 - 9	B, F	Broad-spectrum activity; zero VOC**; no added formaldehyde
ROCIMA™ BT 2S Microbicide	19% BIT (1,2-benzisothiazolin-3-one)	Glycol	Liquid	2 - 12	B	Heat- and pH-stable; no added formaldehyde
ROCIMA™ BT NV2		Aqueous dispersion	Liquid	2 - 12	B	Zero VOC*** formulation
ROCIMA™ 586	1.06% CMIT/MIT + 7.5% Bronopol (2-bromo-2-nitropropane-1,3-diol)	Water	Liquid	3 - 8	B, F	Broad-spectrum activity from combination of actives
ROCIMA™ 607 Biocide	12% BIT + 10% Bronopol (2-bromo-2-nitropropane-1,3-diol)	Water	Liquid	4 - 11	B, F	Broad-spectrum activity; heat- and pH- stable
ROCIMA™ 550	9.7% MIT (2-methyl-4-isothiazolin-3-one)	Water	Liquid	2 - 12	B, F	Effective bactericide; pH-stable
DOWICIL™ QK-20 Antimicrobial	20% DBNPA (2,2-dibromo-3-nitrilopropionamide)	Glycol	Liquid	2 - 9.5	B, F	Excellent biocide for rapid decontamination and preservation enhancement
BIOBAN™ BP 10 Preservative	10% Bronopol (2-bromo-2-nitropropane-1,3-diol)	Water	Liquid	3 - 8	B	Broad efficacy against bacteria, including <i>Pseudomonas</i> species
BIOBAN™ BP 30 Preservative	30% Bronopol (2-bromo-2-nitropropane-1,3-diol)	Glycol	Liquid	3 - 8	B	
BIOBAN™ BP 40 Preservative	40% Bronopol (2-bromo-2-nitropropane-1,3-diol)	Glycol ether	Liquid	3 - 8	B	
BIOBAN™ BP Plus Preservative	99% Bronopol (2-bromo-2-nitropropane-1,3-diol)	N/A	Solid	3 - 8	B	
BIOBAN™ BZ Antimicrobial	12% BIT ((1,2-benzisothiazolin-3-one) + 8% ZPT (Zinc 2-pyridinethiol-1-oxide)	Aqueous dispersion	Liquid	4 - 12	B, F	Dual active action for high thermal stability. Efficacy against <i>Pseudomonas</i>
BIOBAN™ DXN Antimicrobial	87% DXN (2,6-Dimethyl-m-dioxane-4-ol acetate)	Acetates	Liquid	3 - 8	B, F	No added formaldehyde; controlled release bactericide
UCARCIDE™ 25 Antimicrobial	25% Glutaraldehyde	Water	Liquid	3 - 9	B, F	Highly effective against anaerobes and spore-formers
UCARCIDE™ 50 Antimicrobial	50% Glutaraldehyde	Water	Liquid	3 - 9	B, F	
DOWICIDE™ A Antimicrobial	71.7% NaOPP (sodium o-phenylphenate)	N/A	Solid	2 - 12.5	B, F	Broad-spectrum activity; watersoluble; heat and pH-stable
DOWICIDE™ 25L Antimicrobial	25.3% NaOPP (sodium o-phenylphenate)	Water	Liquid	2 - 12.5	B, F	Broad-spectrum activity; aqueous formulation; heat- and pH-stable
DOWICIDE™ 1E Antimicrobial	99% OPP (o-phenylphenol)	N/A	Solid	2 - 12.5	B, F	Low-leaching biocide; heat and pH-stable

* Efficacy: B: Bacteria, F: Fungi

** Method used for VOC determination: Thermogravimetric assay of the amount of residue remaining after heating a sample of the biocide at 115 C for up to 62 minutes. The percent VOC was calculated by weight difference of the samples, with a correction for the weight loss due to water.

*** Organic volatile impurity (USP OVI Method 467) testing has not been performed on this product. However, this product does not contain any volatile organic solvents. The reported volatility of 78 to 80% is due ONLY to water.

IFF Microbial Control offers a wide variety of in-can preservatives approved for a broad range of building and construction materials. Please establish that the use of the selected in-can preservative is compliant with the intended application under local regulations. The table below offers an overview of the current approvals.

Products	EPA use approvals (consult for specific approvals in the State of California)								Canadian PMRA Registration**
	Elastomeric Roof Coatings	Other Construction Coatings	Tape Joint Compounds	Caulks and Sealants	Adhesives	Concrete Admixtures	Grout	Mineral Slurries	
BIOBAN™ BTCM Antimicrobial	X	X	X	X	X		X		
KATHON™ LX 1.5% Biocide	Approved for Building Material Preservation								√
ROCIMA™ BT 2S Microbicide	Approved for Building Material Preservation								
ROCIMA™ BT NV2	Approved for Building Material Preservation								
ROCIMA™ 586	Approved for Building Material Preservation								
ROCIMA™ 607 Biocide	Approved for Building Material Preservation								
ROCIMA™ 550	Approved for Building Material Preservation								
DOWICIL™ QK 20 Antimicrobial	Approved for Building Material Preservation								√
BIOBAN™ BP 10 Preservative	Latex emulsion-based				X				
BIOBAN™ BP 30 Preservative	Latex emulsion-based				X				
BIOBAN™ BP 40 Preservative	Latex emulsion-based				X				
BIOBAN™ BP Plus Preservative	Latex emulsion-based				X				
BIOBAN™ BZ Antimicrobial	Approved for Building Material Preservation								
BIOBAN™ DXN Antimicrobial	X	X	X		X				
UCARCIDE™ 25/50 Antimicrobials	Approved for Building Material Preservation								√
DOWICIDE™ A Antimicrobial	Approved for Building Material Preservation								√
DOWICIDE™ 1E Antimicrobial	Approved for Building Material Preservation								√
DOWICIDE™ 25L Antimicrobial					X	X		X	

* For other specific application needs, consult the product's EPA and PMRA labels. Consult for specific U.S. states where product is registered.

X Approved for indicated uses by EPA.

** Consult label for specific uses approved in Canada (√)