

## FDV Dokumentasjon

**Produkt:**

Stora Drain overvannsrenner i Polymerbetong

**Anvendelse:**

Overvannsrenne til bruk i overvannssystemer.

**Leverandør:**

BB Produkter VVA AS, Broen 3, 3170 Sem

**Produsent:**

Stora Drain O.P.S.O. Sp. z o.o., ul. Spoldzielcza 58, 58-500 Jelenia Gora, Polen

**Teknisk Data:**

<b>Material renne</b>	Polymerbetong
<b>Material rist</b>	Støpejern og galvanisert stål
<b>Belastningsklasser</b>	A15, B125, C250, D400, E600, F900
<b>Dimensjoner</b>	100, 150, 250, 300mm
<b>Bøystrekkstyrke</b>	30 N/mm <sup>2</sup>
<b>Trykkstyrke</b>	100 N/mm <sup>2</sup>
<b>Vanngjennomtrengelighet</b>	<0,5%
<b>Kjemikaliebestandighet</b>	Høy, Se tabell side 3
<b>Temperatur</b>	- 60 til + 80gr C



**Godkjenning:** EN1433

**Kvalitetssikring:** ISO 9001

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### **Service og Vedlikehold:**

**Lagring:** Ved flere lag bør rennene ligge i kryssmønster på paller.

**Vedlikehold:** Sand og løv kan legge seg i renneløpet og forhindre vanngjennomstrøming. Det anbefales å spyle renneløp og tømme sandfang for å forhindre dette. Hvor ofte avhenger av hvor utsatt installasjonen er for tilsmussing.

**Skader:** Ved skader bør produktet erstattet med nytt, tilsvarende produkt.

**Avfall/gjenvinning.** Leveres til godkjent gjenvinningsanlegg. Rister i støpejern er 100 % resirkulerbare.

**Vedlegg: Kjemitabell side 3.**

Product	Conc.	Resist.	Temp.	Product	Conc.	Resist.	Temp.	Product	Conc.	Resist.	Temp.
acetic acid	50	-	-	epichlore hydrine	-	-	-	nitric acid	10	x	25
acetone	10	-	-	epoxy resins (without solvent)	-	x	30	nitric acid	40	-	-
acidity of wine	all	x	30	epoxyharsen (zonder oplosmiddel)	-	x	30	nitrohydrochloric acid	-	-	-
active chlorine	12-15	-	-	ethanol	until 20	x	30	octane	-	x	30
adipic acid	-	x	30	ethanol aq. up to 20% iq.	-	x	30	oils, animal + vegetable	-	x	30
alcohol (ethanol, 96%)	-	x	30	ethanol aq. up to 50% iq.	-	x	30	oleic acid	-	x	50
alcoholic drinks	-	x	30	ethanol comm.	-	x	30	oleic acid	all	x	30
alkylbenzene sulphonate	-	-	-	ethanol, denaturated	-	-	-	oxalaldehyd 40%	-	x	30
alum aq.	-	x	30	+ 2% tannol	96	-	-	oxalic acid	all	x	30
aluminium salts (n.n.s.) aq.	-	x	30	ether	-	-	-	palmitic acid	-	x	30
ammonia watery solution	25	-	-	ethylbenzene	-	-	-	paraffin	-	x	30
ammonium bromate	-	x	30	ethylene diamine	-	-	-	paraffin oil	-	x	50
ammonium bromide w.sol.	-	x	30	ethylhexanol	-	-	-	P3 cold detergent	20	x	30
ammonium chlorate w.sol.	-	x	30	fats and fatty acids	-	x	30	perchloroethylene	-	x	30
ammonium chloride w.sol.	-	x	30	ferrous trichloride	-	x	30	perchloric acid	20	x	30
ammonium nitrate w.sol.	-	x	30	fixing baths (photo)	-	x	30	petrol	-	x	30
ammonium phosphate w.sol.	-	x	30	formaldehyde	30 w.sol.	-	-	petroleum	-	x	30
ammonium sulphate w.sol.	-	x	30	formic acid	10	x	30	petroleum oil	-	x	30
amyl acetate	100	-	-	frigen 119	-	x	30	petrolic ether	-	x	30
apple juice	-	x	30	fruit acids	-	x	30	phenol	-	-	-
aqua dest.	-	x	30	fruit juices	-	x	30	phosphates, inorganic w.sol.	-	x	30
arsenic acid	-	x	40	glucose w.sol.	-	x	30	phosphoric acid	10,85	x	30
barium salt w.sol.	-	x	30	glycerol	-	x	30	phthalic acid	-	-	-
battery acid	32	x	30	glycol	-	x	40	phthalic ester	-	x	30
beer	-	x	30	hard coco oil	-	x	30	pickle	-	x	30
benzene	-	-	-	heavy petrol	-	x	30	pitric acid	-	x	30
benzene acid	-	x	30	heptane	-	-	-	pot ash solution	10,20,50	-	-
benzene aldehyde	-	-	-	herring pickle	-	x	30	potassium bichromate aq.	10	-	-
benzoyl chloride	-	x	30	hexane	-	-	-	potassium cyanide	-	x	40
benzoyl peroxide	-	-	-	humic acid	-	x	30	potassium permanganate w.sol.	10	-	-
benzyl alcohol	-	x	30	humid chlorine gas	-	-	-	potassium salts	-	x	30
benzyl chloride	-	-	-	humus	-	x	30	propanol	-	-	-
borax	-	x	30	hydrobromic acid	-	x	30	propyl alcohol	-	x	30
boric acid	all	x	30	hydrochloric acid	-	x	30	propylene glycol	-	x	30
brine	-	x	30	hydrochloric acid	conc.	x	30	salicylaldehyde	-	x	30
brine (NaCl)	-	x	30	hydrocyanic acid	-	x	30	salicylic acid	-	x	30
butandiol	-	-	-	hydrofluoric acid	40	-	-	salicylic acid aq.	-	x	40
butanol	100	-	-	hydrofluosilicic acid	34	x	30	saturated chlorine gas	-	-	-
butyl acetate	-	-	-	hydrogen chloride (anhydrous)	-	x	30	sea water	-	x	30
butyl glycol	-	-	-	hydrogensulphide	-	x	30	silicone grease	-	x	30
butyric acid	100	x	30	hydrozine w.sol.	50	-	-	silicone oil	-	x	40
calcium chloride aq.	-	x	40	iodine, solid	-	x	30	silver nitrate aq.	-	x	30
calcium formate aq.	-	x	30	isoprophyle alcohol	100	-	-	sodium carbonate aq.	-	-	-
calcium hydroxide aq.	-	x	30	joinder glue	-	x	30	sodium hydroxide	10,20,40	-	-
calcium salt w.sol.	-	x	30	kerosene	-	x	30	sodium hypochlorite	-	-	-
capryl acid	-	-	-	lactic acid w.sol.	80	x	30	with 15% active chlore	-	-	-
caprylic acid	-	x	30	lake water	-	x	30	sodium salts	-	x	30
carbon tetrachloride	100	-	-	lemonade	-	x	30	sorbito	-	x	30
chloroform	-	-	-	lime, aqueous slurry	-	x	30	starch w.sol.	-	x	30
chromate bath	-	-	30	linseed oil	-	x	30	stearic acid	-	x	30
chrome sulphate aq.	-	x	30	linseed oil fatty acid	100	x	30	styrol	-	-	-
chromic acid	6,12,36	x	30	lithium chloride aq.	-	x	50	succinic acid w.sol.	-	x	30
chromic acid aq. 10% iq.	-	-	-	lubricating oil	-	x	30	sugar beet oil	-	x	30
chromic acid aq. 40% iq.	-	x	30	lubrication oil, grease	-	x	30	sugar w.sol.	-	x	30
cinnamon aldehyde	-	x	30	lye (caustic soda)	-	-	-	sulphamic acid	-	x	30
citric acid	all	x	30	lysol	-	x	30	sulphite liquor	-	x	40
cobalt acid aq. (n.n.s.)	-	x	40	magnesium salts	-	x	30	sulphur dioxide gas conc.	-	x	30
cobalt salts	-	x	30	maleic acid	-	x	30	sulphuric acid	10,30,70	x	30
cod-liver oil	-	x	30	malic acid	100	x	30	table glue	-	x	30
copper salts	-	x	30	manganese salts	-	x	30	tannic acid	-	x	40
crude oil	-	x	30	margarine	-	x	30	tetrachlore ethylene	100	x	25
cyclohexane	100	-	-	melamine resin aq.	-	x	30	tetrahydrofurane	-	-	-
cyclohexanone	100	-	-	mercury	-	x	50	thermal oil	-	x	30
dedocyl-ether sulphate aq.	-	x	30	mercury salts w.sol.	-	x	30	thioglycolic acid	100	-	-
detergent, commercial	-	x	30	methanol	-	-	-	tin salts	-	x	30
di-ethanolame	-	x	30	methyl acrylic acid	-	-	-	toluene	-	-	-
di-ethylamus	-	-	-	methyl ester	-	-	-	trichloroacetic acid	-	x	30
di-isobutane	-	x	30	methyl amine	-	-	-	trichloroethane	-	-	-
dibutyl phthalate	-	x	30	methyl bethylene keton	-	-	-	trichloroethylene	-	-	-
dichloroacetic acid	20	x	30	methylated spirit	-	x	30	turpentine	-	x	30
diesel fuel	-	x	30	methylene chloride	-	-	-	urea w.sol.	-	x	30
diesel oil	-	x	30	milk	-	x	30	water (sea, drinking, mineral)	-	x	30
diethyl phthalate	100	-	-	mineral oil	-	x	30	water: deionisated	-	x	30
dimethylene glycol	-	x	50	mineral water	-	x	30	water: demine ralised	-	x	30
dimethylaniline	100	-	-	molasses	-	x	30	water: distilled	-	x	30
dodecylbenzene sulphonic acid	-	x	30	monochlore acetic acid	5	x	30	wine	-	x	30
drinking water	-	x	30	nickel salts	-	x	30	xylene	-	-	-
engine oil	-	x	30					zinc salts w.sol.	-	x	30