

Determination of Compliance with Reduction Scheme

Instructions: The below data sheet provides an easy-to-use tool to determine whether your installation meets the Reduction Scheme solvent solids ratio. Please enter the data in the yellow boxes as required. When all your data has been entered the spreadsheet will automatically calculate your solvent balance and allowable solvent under the Reduction Scheme and display the difference. The message at the bottom of the table tells you whether your installation meets the Reduction scheme solvent solids ratio.

If Extra rows are required for a table then press the appropriate insert row button found in the top right of the table

Period Covering: 01/04/2014 to 31/03/2015

SOLVENTS USED IN ACTIVITY:

Ref	Type of Product	Description of Use of Product	VOC g/kg or g/litre of product supplied as specified by supplier	Solids g/kg or g/litre of product supplied as specified by supplier	Litres or Kg of product used in 12 month period as supplied	Mass of solids used in kg	Mass of solvent used in kg	Target Emission Factor from Table 4 of Guidance Note	Allowable solvent for product in kg under Reduction Scheme	Solvent balance in kg against allowable solvent under Reduction Scheme
1	2 pack zinc phosphate primer high solids High build epoxy build coats	airless spraying of steelwork	320	720	19320	13910.4	6182.4	0.37	5146.848	-1035.552
2		airless spraying of steelwork	340	700	2100	1470	714	0.37	543.9	-170.1
3	2 pack polyurethane intumescent fire protection	airless spraying of steelwork	341	490	8600	4214	2932.6	0.37	1559.18	-1373.42
4		airless spraying of steelwork	272	870	21000	18270	5712	0.37	6759.9	1047.9
5	surface tolerant primer	airless spraying of steelwork	170	820	1500	1230	255	0.37	455.1	200.1
6	Acrylic non iso finish	airless spraying of steelwork	410	630	600	378	246	0.37	139.86	-106.14
7	2 pack epoxy m.i.o	airless spraying of steelwork	230	720	9900	7128	2277	0.37	2637.36	360.36
8	2 pack epoxy m.i.o./zinc phosphate	airless spraying of steelwork	320	710	4800	3266	1472	0.37	1208.42	-263.58
10	Thinners	Mixing/cleaning out	770	0	1900	0	1463	0.37	0	-1463
11	Glass flake epoxy	airless spraying of steelwork	70	900	3700	3330	259	0.37	1232.1	973.1
12	Zinc rich primers	airless spraying of steelwork	180	680	6100	4148	1098	0.37	1534.76	436.76
13	mordant solution	Preparation of galvanising	990	0	3500	0	3465	0.37	0	-3465
14	High solids epoxy	airless spraying of steelwork	210	770	5600	4312	1176	0.37	1595.44	419.44
15	Alkyd Primers	airless spraying of steelwork	520	480	4600	2208	2392	0.37	816.96	-1575.04

SOLVENTS REMOVED FROM THE SITE AS WASTE:

Ref	Type of waste	Estimated amount of solvent in waste (g/litre)	Amount of waste removed from site (litres)	Mass of solvent disposed of (kg)
1	Sludge/thinners	900	5500	4950
2	sludge/thinners	900	2200	1980

Total Actual Use: 22714
 Total Target Emission: 23629.828
 Difference (kg): 915.828

The mix of products, thinners and equipment cleaning solvents used shows the installation meets the Reduction Scheme solvent:solids ratio