



IP9189A&B + IP 1897 – 2 PACK CHEMICAL RESISTANT INTUMESCENT PAINT

TECHNICAL INFORMATION

VOC Contents; Added Weight by film thickness

8:1 mix by volume

IP9189A SG: 1.23
 VOC: 425gms/ltr

IP9189B SG: 0.927
 VOC: 260gms/ltr

Mixing ratio 8:1	Mix SG: 1.20
Base: 1ltr contains 805gms solid	65.45% N.V.
Catalyst: 1ltr contains 667gms solid	71.95% N.V.

- ∴ 1ltr mixed (SG: 1.20) contains 789.7gms
- ∴ Solid content of mixed ltr = 65.8% N.V.
- ∴ Volume solids = 78.96%

$$\text{Coverage(m}^2 \text{ per litre)} = \frac{\% \text{ volume solid}}{\text{D.F.T.}} \times 10 \qquad \frac{78.96}{x} \times 10 = y$$

Coverage at DFT: (m²/litre)	250μ	375μ	500μ	1000μ
	3.16	2.11	1.58	0.79

∴ 1ltr mixed weight solid = 789.7gms

∴ WT per m²(Grammes)=	249.9gms	374.2gms	499.8gms	999.6gms
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