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TEST REPORT  
REQUALIFICATION OF QUICK SET UNDERLAYMENT  
MIL SPEC 3135H  
Type II Class 1

Approved by:

*Dex C. Pan EMTS/50513A*

Dex C. Pan EMTS/QAR  
DCMA/Santa Ana/Southbay/ARSC

*2009 Aug. 17*



### 1) WEIGHT

Sample ID	Weight per sqft
1	2.21
2	2.17
3	2.13
Average	2.17

### 2) INDENTATION

Result (48 hours cure)

Sample ID	Initial Indentation (%)	Residual Indentation (%)
1	3.79	N/A
2	2.85	N/A
Average	3.32	

Result (96 hours cure)

Sample ID	Initial Indentation (%)	Residual Indentation (%)
1	2.15	1.79
2	2.42	1.81
Average	2.28	1.80

### 3) IMPACT RESISTANCE

Sample ID	Impact Indentation Thickness	Visual Damage
2	.046	None
3	.052	None
Average	.049	

### 4) CORROSION RESISTANCE

Sample ID	Softening	Detachment	Corrosion
1	None	None	None
2	None	None	None



### 5) MOISTURE ABSORPTION

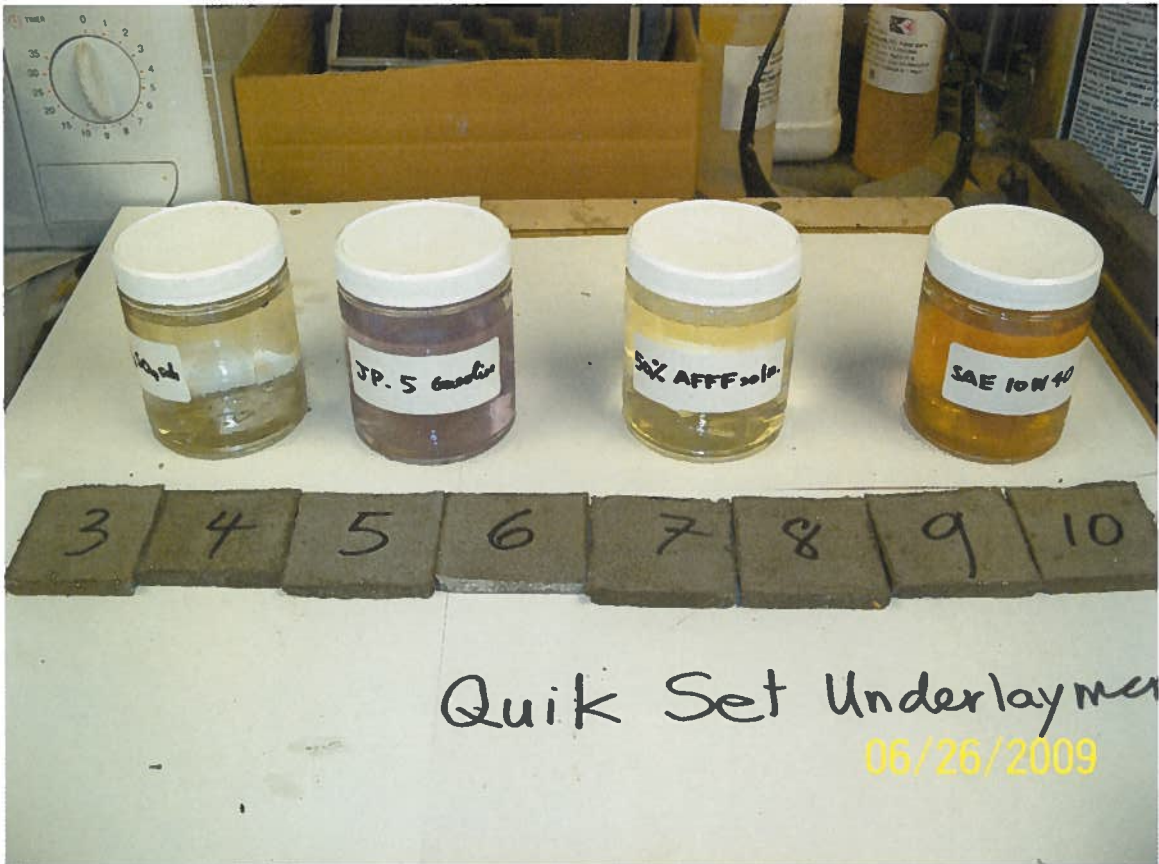
Sample ID	% Absorption
1	1.08
2	0.95
3	0.89
Average	0.97

### 6) RESISTANCE TO ELEVATED TEMPERATURE

Sample ID	Softening	Measured Slip
1	None	.01
2	None	.01
3	None	.01

### 7) RESISTANCE TO CHEMICALS

Sample ID	Weight Change %	Volume Change %
10% H <sub>2</sub> SO <sub>4</sub> (Sample 3)	3.10	1.35
10% H <sub>2</sub> SO <sub>4</sub> (Sample 4)	2.70	1.15
JP-5 (Sample 5)	4.75	1.45
JP-5 (Sample 6)	4.40	1.35
50% AFFF (Sample 7)	2.25	1.00
50% AFFF (Sample 8)	1.95	0.85
Oil (Sample 9)	4.85	1.25
Oil (Sample 10)	5.25	1.40



Sample

JP. 5 Gasoline

SAE AFFF 2012

SAE 10W40

3 4 5 6 7 8 9 10

Quik Set Underlaymen  
06/26/2009