

Sikafloor 390

Release 1 - 21.02.2005

*** Chemical Resistance ***

No.	Test Media & Test Temperature	Duration Of Impact: Method:	1 day		3 days		7 days		42 days	
			Immersion Test	Spillage Test	Immersion Test	Spillage Test	Immersion Test	Spillage Test	Immersion Test	Spillage Test
001	BMW-Flush rust remover	RT		A/D	A/D	A/D	A/D	A/D	A/D	A/D
002	Citric acid - 50%	60°C	A/D		A/D		A/D		A/D	
003	Ferrous(III)chloride (aqueous solution) - 35%	60°C	A/D		A/D		B/D		B/D	
004	Urea, (aqueous solution) - 32,5%	RT							A	
005	Micro-Chem Plus	RT	A	A	A	A	A		A/D	
006	Neodisher N	RT	A	A/D						
007	Peracetic acid - 2%	RT	A	A/D	A	A/D	A/D			
008	Perform sterile Conc OXY - 1%	RT	A/D	A/D	A/D	A/D	A/D	A		
009	Zinc chloride (aqueous solution) - 50%	RT	A	A	A	A	A		A	
010	Acetic Acid - 60%	RT	C	A/D	C	A/D	C		C	
011	Acetone	RT	B/D	A/D	C	A/D	C		C	
012	Acticide MKB 3	RT		A/D						
013	Ammonia solution (20%) - 25%	RT	A	A	A/D	A/D	B/D		B/D	
014	Chromic acid (aqueous solution) - 50%	RT	C	A/D	C	A/D	C		C	
015	DIBT-Test Media 01	RT	A/D	A	A/D	A	B/D		B/D	
016	DIBT-Test Media 02.1	RT	A	A	A	A	A		A/D	
017	DIBT-Test Media 03	RT	A	A	A	A	A		A	
018	DIBT-Test Media 04	RT	A/D	A	A	A	A/D		B/D	
019	DIBT-Test Media 04b	RT	A	A	A	A	A		A	
020	DIBT-Test Media 04c	RT	A/D	A	A/D	A	A/D		A/D	
021	DIBT-Test Media 05	RT	A/D	A	A/D	A	A/D		A/D	
022	DIBT-Test Media 05b	RT	A/D	A	A/D	A	A/D		A/D	
023	DIBT-Test Media 06	RT	B/D	A	B/D	A	B/D		B/D	
024	DIBT-Test Media 06b	RT	A/D	A	B/D	A/D	B/D		B/D	
025	DIBT-Test Media 07	RT	A/D	A	B/D	A	B/D		B/D	
026	DIBT-Test Media 07a	RT	A/D	A/D	A/D	A/D	A/D		B/D	
027	DIBT-Test Media 07b	RT	A	A	A/D	A	A		A	
028	DIBT-Test Media 08	RT	A	A/D	A	A/D	A/D		A/D	
029	DIBT-Test Media 08a	RT	A/D	A	A/D	A	A/D		C	
030	DIBT-Test Media 09	RT	A/D	A/D	A/D	A/D	A/D		A/D	
031	DIBT-Test Media 09a	RT	C	A/D	C	A/D	C		C	
032	DIBT-Test Media 10	RT	A/D	A/D	A/D	A/D	A/D		A/D	
033	DIBT-Test Media 11	RT	A	A	A/D	A	A/D		A/D	
034	DIBT-Test Media 12	RT	A/D	A	A/D	A/D	A/D		A/D	
035	DIBT-Test Media 13	RT	A/D	B/D	A/D	B/D	B/D		C	
036	DIBT-Test Media 14.1	RT	A/D	A	A/D	A/D	A/D		A/D	
037	DIBT-Test Media 14.2	RT	A/D	A/D	A/D	A/D	A/D		A/D	
038	DIBT-Test Media 15	RT	C	A	C	A/D	C		C	
039	DIBT-Test Media 15a	RT	A/D	A	A/D	A	A/D		C	
040	Dimethylformamide	RT	C	A/D	C	A/D	C		C	
041	Ethanol, technical, 70% - 98%	RT	A/D	A	A/D	A/D	B/D		B/D	
042	Hydrochloric Acid - 37%	RT	A/D	A/D	A/D	A/D	B/D		B/D	
043	Lactic Acid - 30%	RT	A/D	A/D	A/D	C	A/D		B/D	
044	Lactic Acid - 80%	RT	B/D	C	C	B/D	C		C	
045	Metha-methacrylate	RT	A/D	A	A/D	A	C		C	
046	Methylethylketone (MEK)	RT	A/D	A/D	B/D	A/D	B/D		C	
047	Neodisher FT	RT	A	A/D						
048	Nitric Acid - 30%	RT	A/D	C	A/D	C	B/D		C	
049	Nitric Acid - 40%	RT	A/D	C	B/D	C	C		C	
050	N-Methylpyrrolidone	RT	B/D	A/D	C	A/D	C		C	

Sikafloor 390

* Chemical Resistance *

No.	Test Media & Test Temperature	Duration Of Impact:
		Method:
001	BMW-Flush rust remover	RT
002	Citric acid - 50%	60°C
003	Ferrous(II)chloride (aqueous solution) - 35%	60°C
004	Urea, (aqueous solution) - 32,5%	RT
005	Micro-Chem Plus	RT
006	Neodisher N	RT
007	Peracetic acid - 2%	RT
008	Perform sterile Conc OXY - 1%	RT
009	Zinc chloride (aqueous solution) - 50%	RT
010	Acetic Acid - 60%	RT
011	Acetone	RT
012	Acticide MKB 3	RT
013	Ammonia solution (20%) - 25%	RT
014	Chromic acid (aqueous solution) - 50%	RT
015	DIBT-Test Media 01	RT
016	DIBT-Test Media 02.1	RT
017	DIBT-Test Media 03	RT
018	DIBT-Test Media 04	RT
019	DIBT-Test Media 04b	RT
020	DIBT-Test Media 04c	RT
021	DIBT-Test Media 05	RT
022	DIBT-Test Media 05b	RT
023	DIBT-Test Media 06	RT
024	DIBT-Test Media 06b	RT
025	DIBT-Test Media 07	RT
026	DIBT-Test Media 07a	RT
027	DIBT-Test Media 07b	RT
028	DIBT-Test Media 08	RT
029	DIBT-Test Media 08a	RT
030	DIBT-Test Media 09	RT
031	DIBT-Test Media 09a	RT
032	DIBT-Test Media 10	RT
033	DIBT-Test Media 11	RT
034	DIBT-Test Media 12	RT
035	DIBT-Test Media 13	RT
036	DIBT-Test Media 14.1	RT
037	DIBT-Test Media 14.2	RT
038	DIBT-Test Media 15	RT
039	DIBT-Test Media 15a	RT
040	Dimethylformamide	RT
041	Ethanol, technical, 70% - 98%	RT
042	Hydrochloric Acid - 37%	RT
043	Lactic Acid - 30%	RT
044	Lactic Acid - 80%	RT
045	Metha-methacrylate	RT
046	Methylethylketone (MEK)	RT
047	Neodisher FT	RT
048	Nitric Acid - 30%	RT
049	Nitric Acid - 40%	RT
050	N-Methylpyrrolidone	RT

No.	Test Media & Test Temperature	Duration Of Impact: Method:	1 day		3 days		7 days		42 days	
			Immersion Test	Spillage Test	Immersion Test	Spillage Test	Immersion Test	Spillage Test	Immersion Test	Spillage Test
051	Perform advanced Alcohol EP	RT	A/D	A/D	B/D	A/D	B/D	A		
052	Perform classic Cleaner S - 0,5%	RT	A	A/D	A	A/D	A			
053	Perform classic Cleaner S	RT						A/D		
054	Perform classic Concentrate GA - 3%	RT	A	A	A	A	A			
055	Perform classic Concentrate GA	RT						A		
056	Perform classic Concentrate Q-Plus - 0,5%	RT	A	A/D	A	A/D	A			
057	Perform classic Concentrate Q-Plus	RT						A/D		
058	Perform sterile Cleaner ND	RT	A	A/D	A	A/D	A	A/D		
059	Perform sterile Con QB - 0,5%	RT	A	A	A	A	A			
060	Perform sterile Con QB	RT						A		
061	Perform sterile Conc PAA - 1%	RT	A	A	A	A	A			
062	Perform sterile Conc PAA	RT						C		
063	Phosphoric Acid - 40%	60°C	C		C		C		C	
064	Phosphoric Acid - 85%	RT	B/D	B/D	B/D	B/D	B/D		C	
065	Skydrol 500 P	60°C	B/D		A/D		A/D		A/D	
066	Sodium Hydroxide - 50%	RT	A	A	A	A	A		A/D	
067	Sodium Hypochlorite Solution - 4,4%	RT	A/D	A/D	A/D	A/D	A/D		A/D	
068	Sodium Hypochlorite Solution - 6,6%	60°C	C		C		C		C	
069	Sulfuric Acid - 60%	RT	A/D	A/D	A/D	A/D	A/D		A/D	
070	Sulfuric Acid - 80%	RT	A/D	A/D	A/D	A/D	B/D		B/D	
071	Sulfuric Acid - 96%	RT	C	C	C	C	C		C	
072	Pure water	60°C	A/D		A/D		A/D		A/D	
073	Hydrgen peroxide - 30%	RT	A/D	C	A/D	C	C		C	
074	treacle, saturated	RT	A	A	A	A	A		A	

* re-conditioning

Resistance Classes

- A resistant - slight loss of hardness (0-20% Shore D), no blisters, no delamination, no or slight swelling
- B limited resistance - moderate loss of hardness (20-40% Shore D), no blisters, no delamination, noticeable swelling
- C unstable - strong loss of hardness (>40% Shore D) or blisters or delamination or partial / total destruction of layer
- D discoloration or loss of gloss / bleaching

No.	Test Media & Test Temperature	Duration Of Impact:
		Method:
051	Perform advanced Alcohol EP	RT
052	Perform classic Cleaner S - 0,5%	RT
053	Perform classic Cleaner S	RT
054	Perform classic Concentrate GA - 3%	RT
055	Perform classic Concentrate GA	RT
056	Perform classic Concentrate Q-Plus - 0,5%	RT
057	Perform classic Concentrate Q-Plus	RT
058	Perform sterile Cleaner ND	RT
059	Perform sterile Con QB - 0,5%	RT
060	Perform sterile Con QB	RT
061	Perform sterile Conc PAA - 1%	RT
062	Perform sterile Conc PAA	RT
063	Phosphoric Acid - 40%	60°C
064	Phosphoric Acid - 85%	RT
065	Skydrol 500 P	60°C
066	Sodium Hydroxide - 50%	RT
067	Sodium Hypochlorite Solution - 4,4%	RT
068	Sodium Hypochlorite Solution - 6,6%	60°C
069	Sulfuric Acid - 60%	RT
070	Sulfuric Acid - 80%	RT
071	Sulfuric Acid - 96%	RT
072	Pure water	60°C
073	Hydrgen peroxide - 30%	RT
074	treacle, saturated	RT

Resistance Classes

- A resistant - slight loss of hardness (0-20% Shore D), no blisters, no c
- B limited resistance - moderate loss of hardness (20-40% Shore D), n
- C unstable - strong loss of hardness (>40% Shore D) or blisters or de
- D discoloration or loss of gloss / bleaching