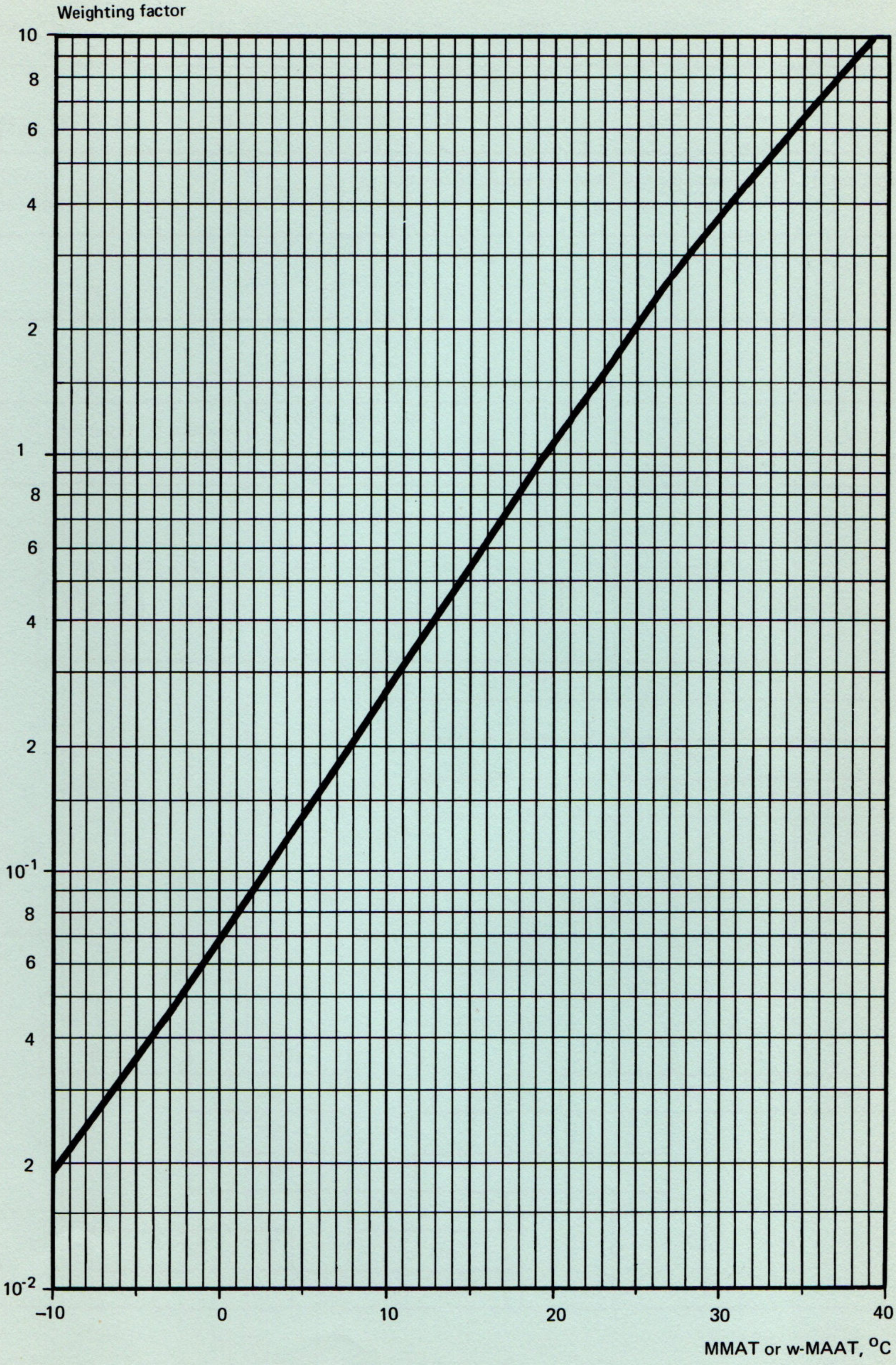


CHART W

Temperature weighting curve

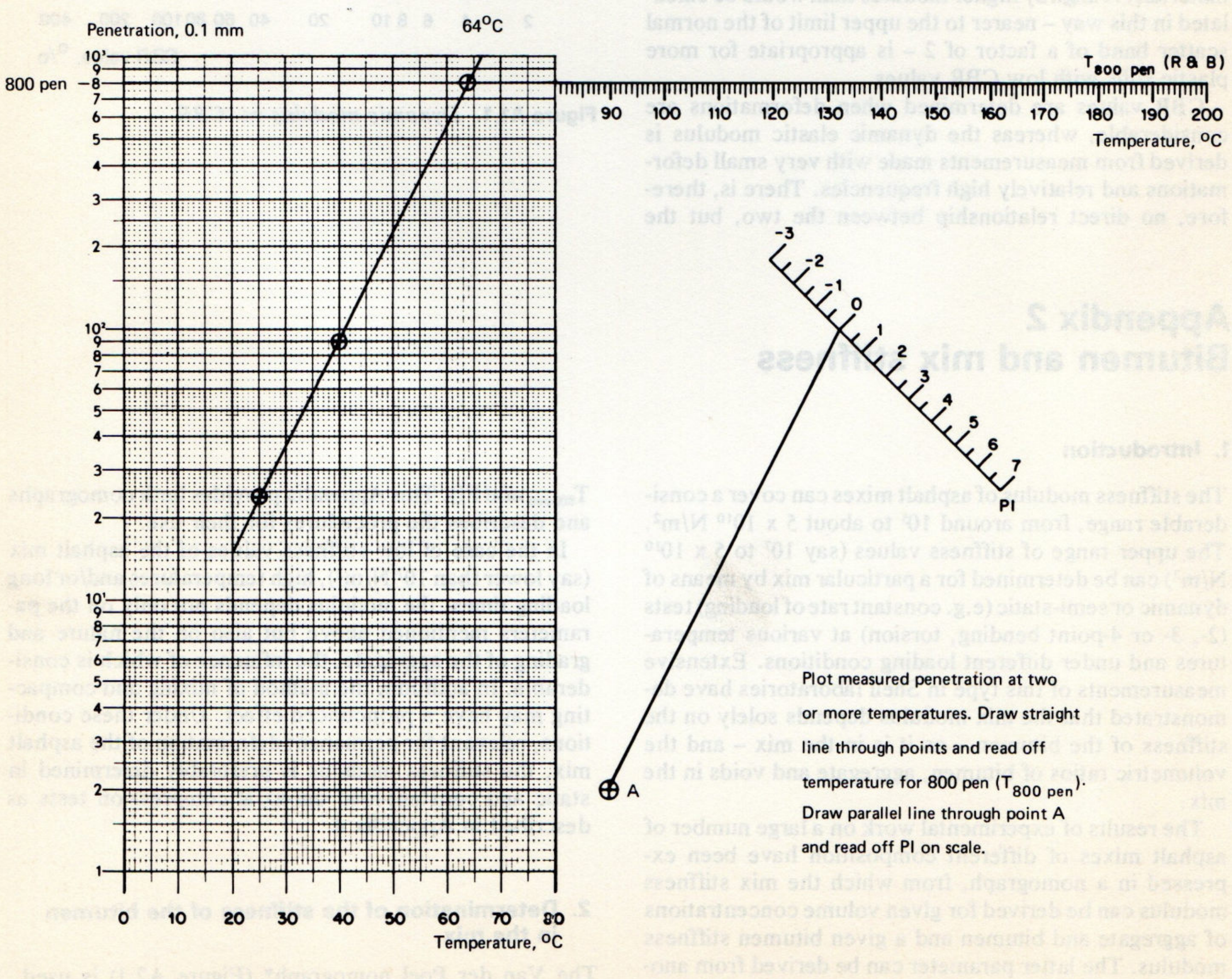


Figure A2.2. *Determination of $T_{800\ pen}$ and PI*

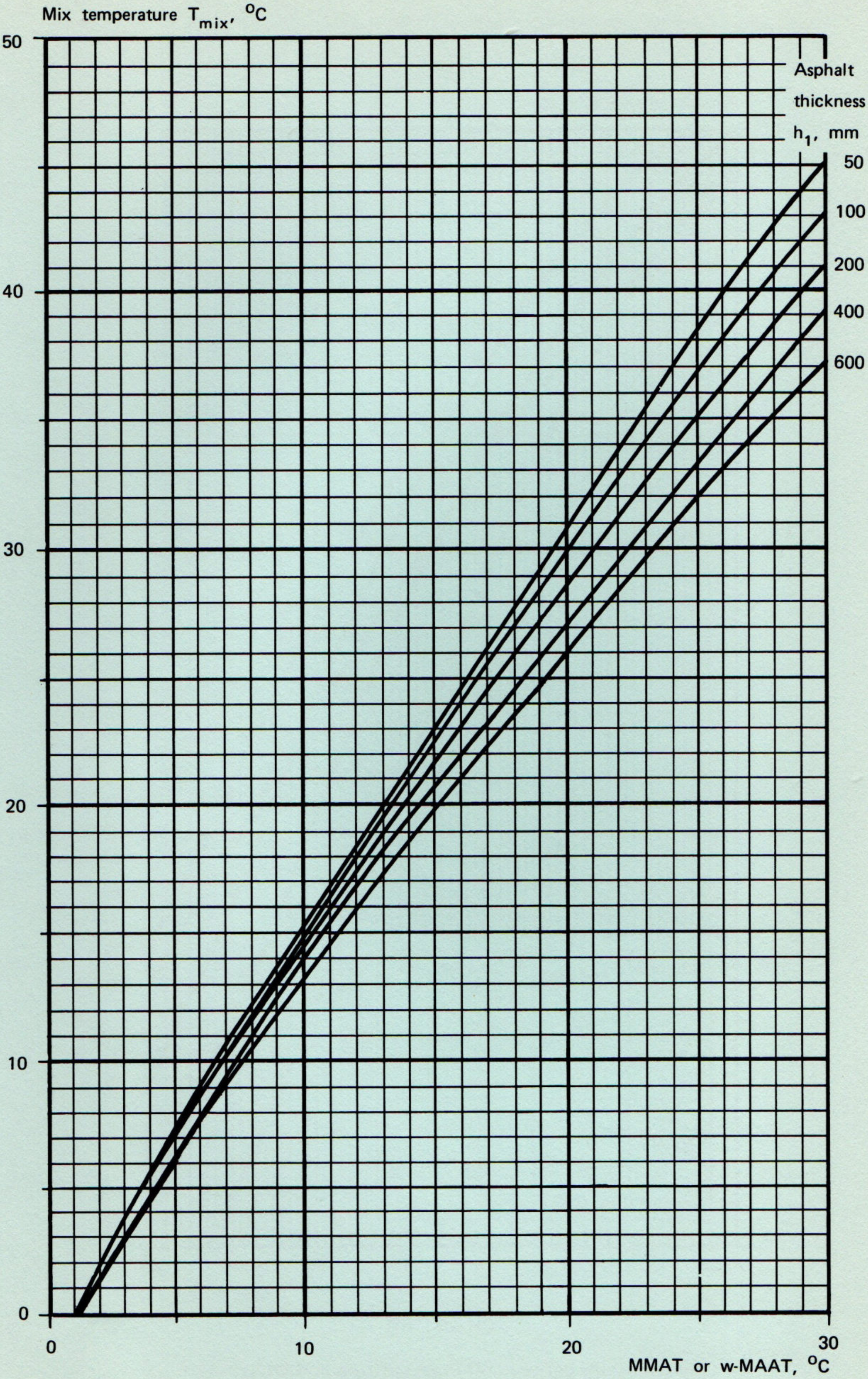


CHART RT

Relationship between effective asphalt temperature and MMAT or w-MAAT

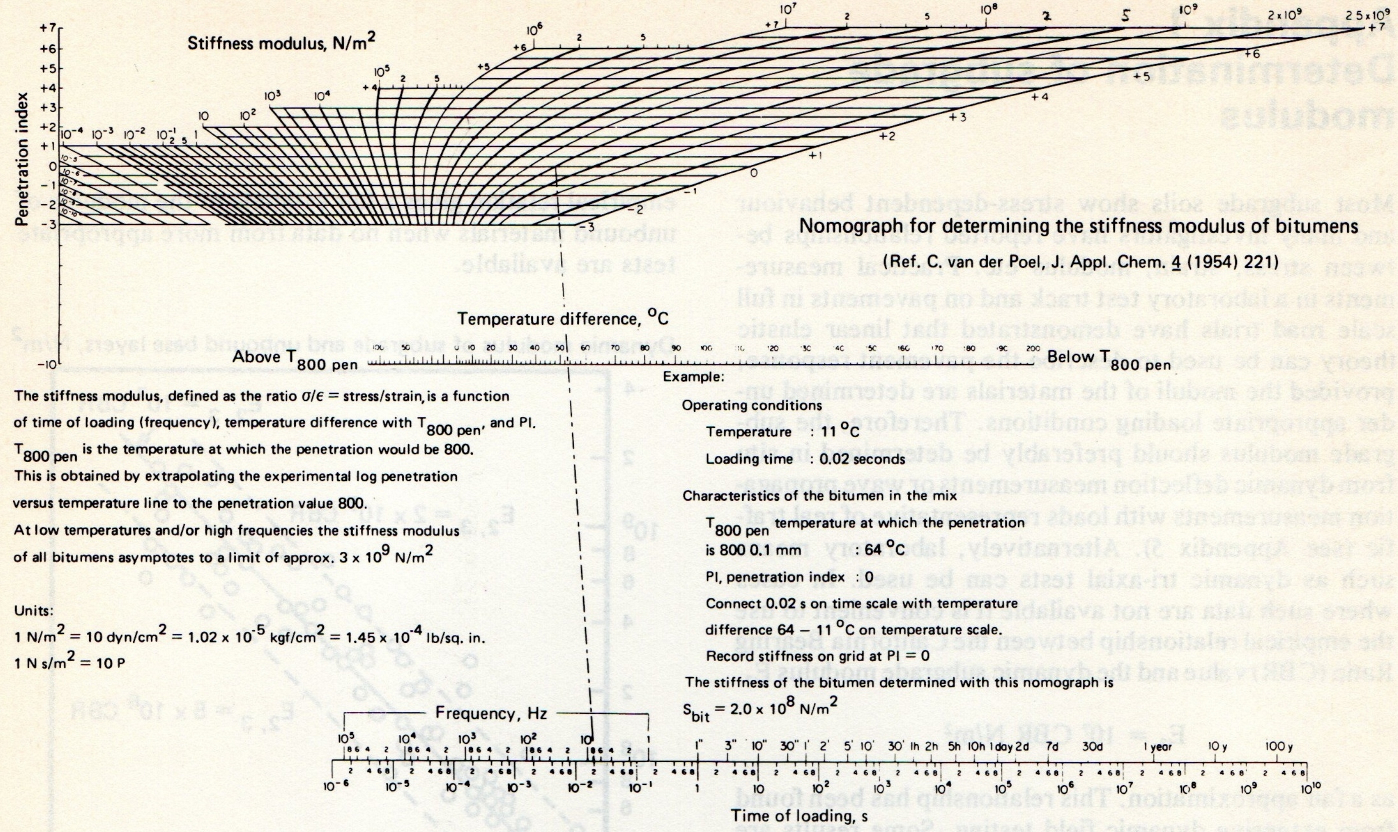


Figure A2.1. *Van der Poel nomograph for bitumen stiffness*

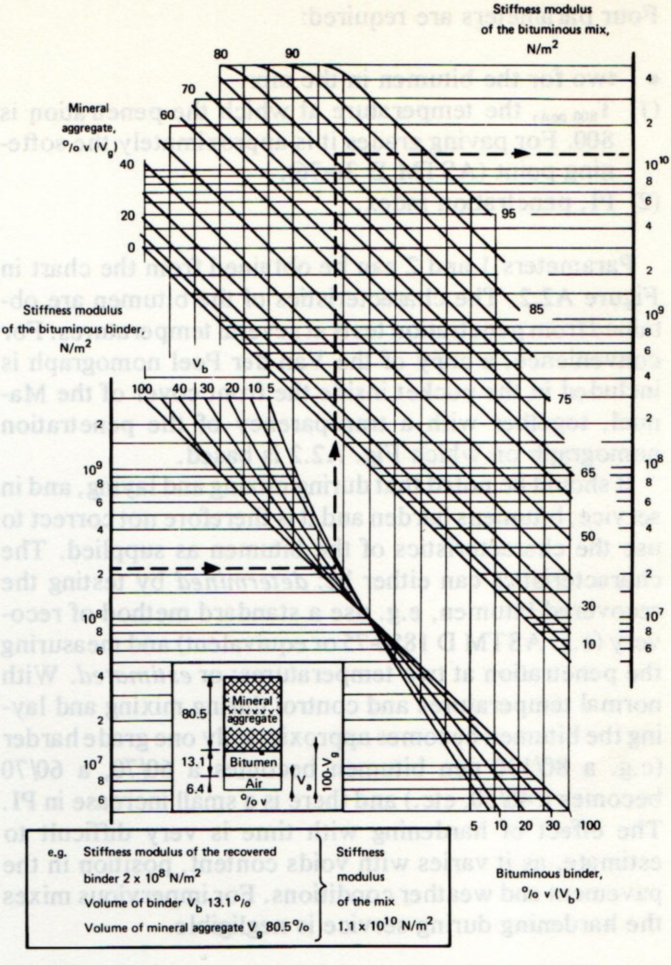


Figure A2.3. *Nomograph for mix stiffness*

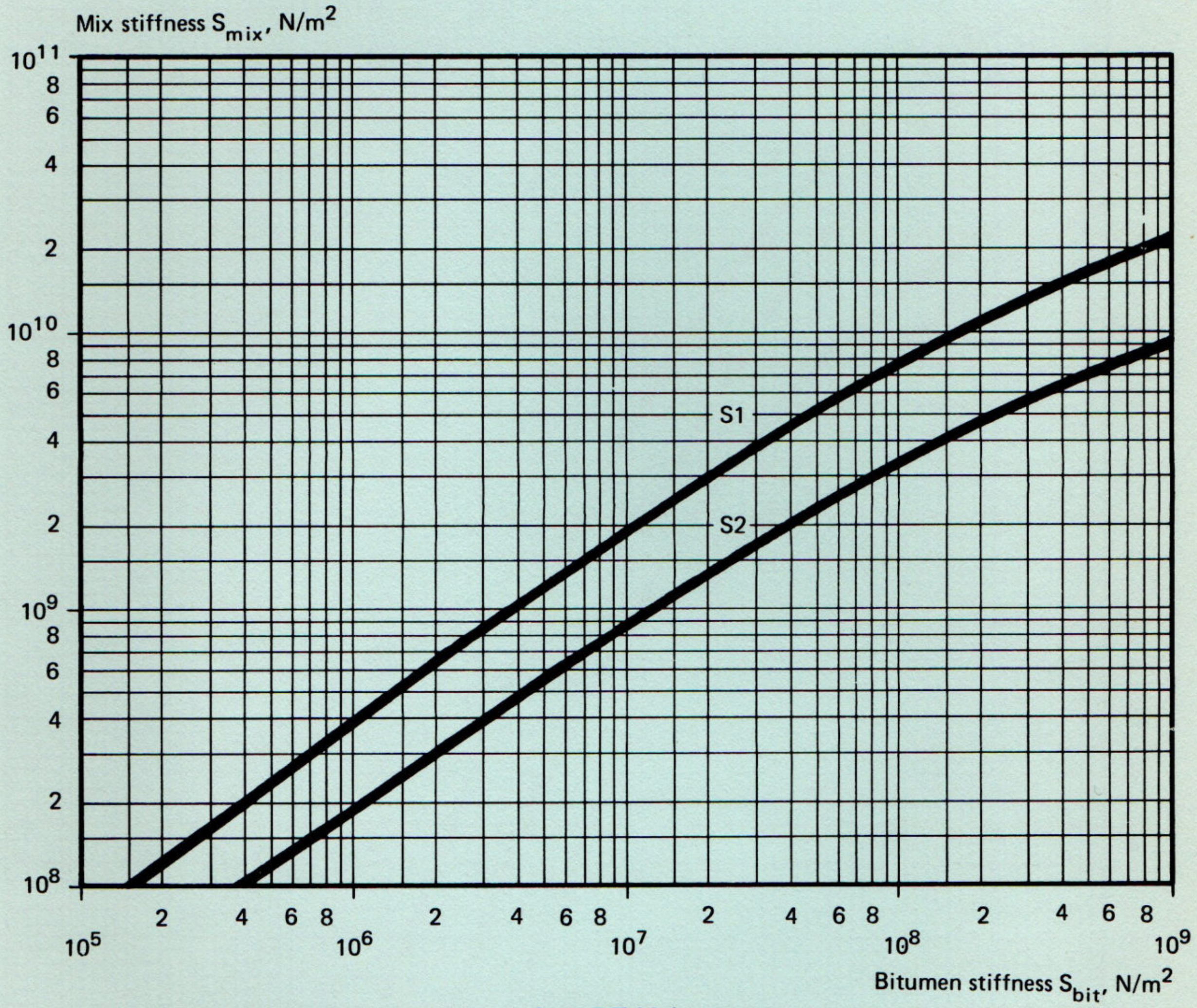


CHART M-1

Characteristic relationships between mix stiffness and bitumen stiffness

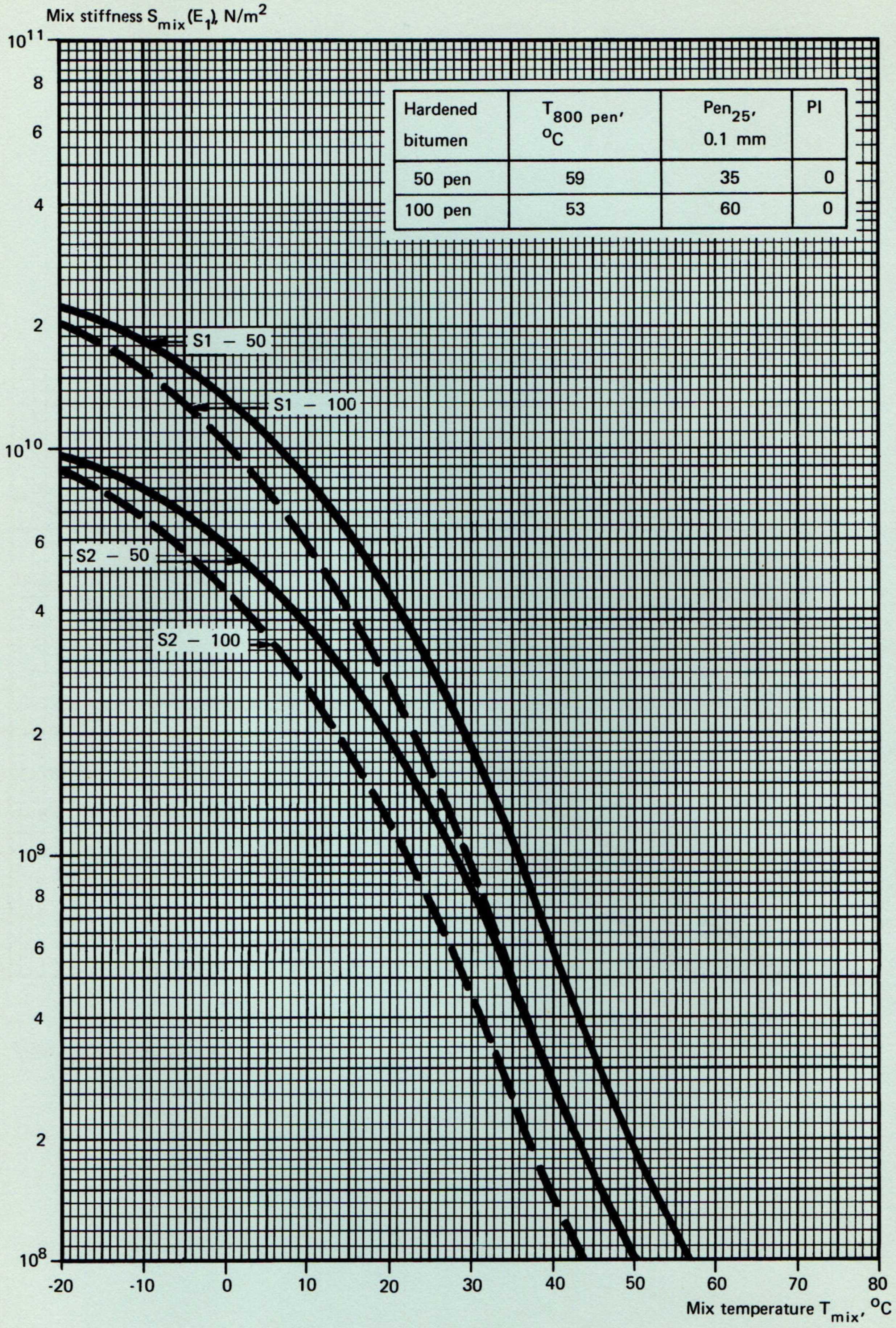
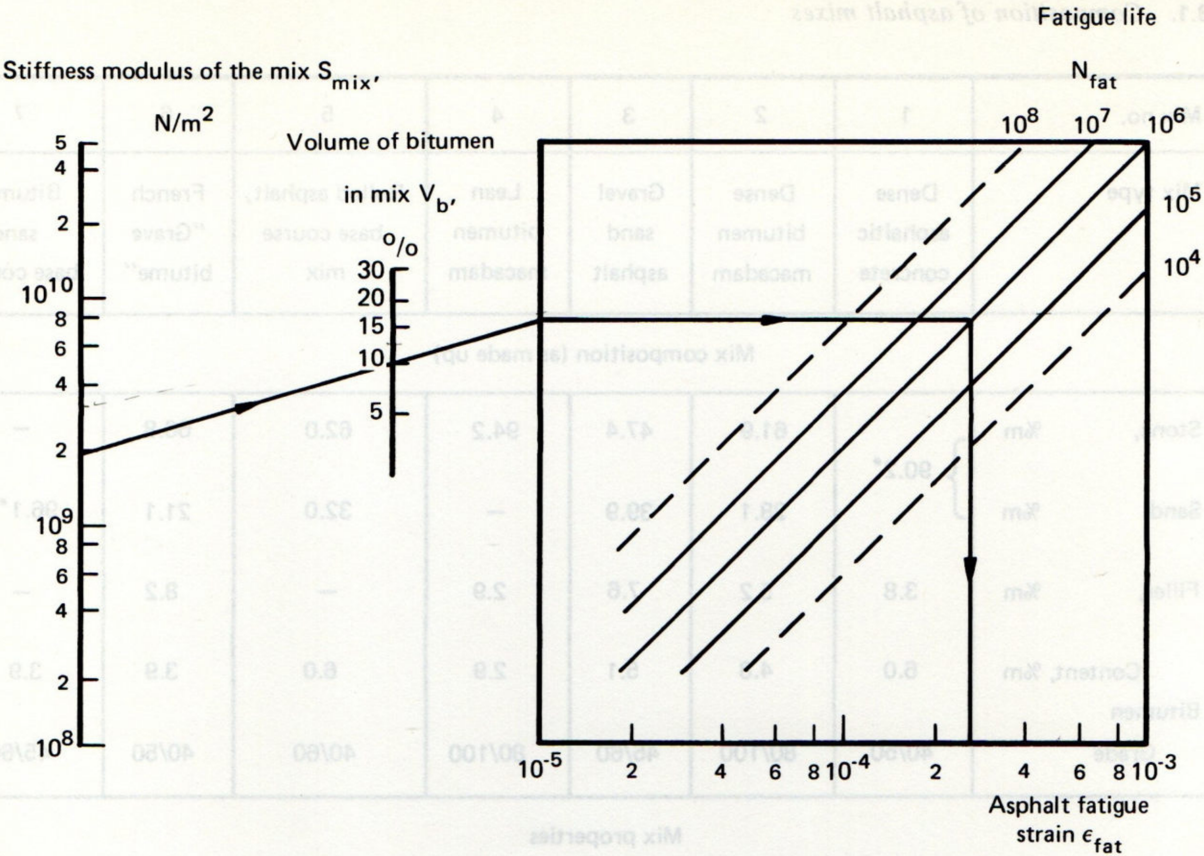


CHART M-2

Characteristic relationships between mix stiffness and mix temperature

Loading time 0.02 s



Example: If $S_{mix} = 2 \times 10^9$ N/m²

$V_b = 10\%$

$N = 10^6$

then $\epsilon_{fat} = 2.7 \times 10^{-4}$

Figure A3.1. *Fatigue nomograph based on S_{mix} and V_b*

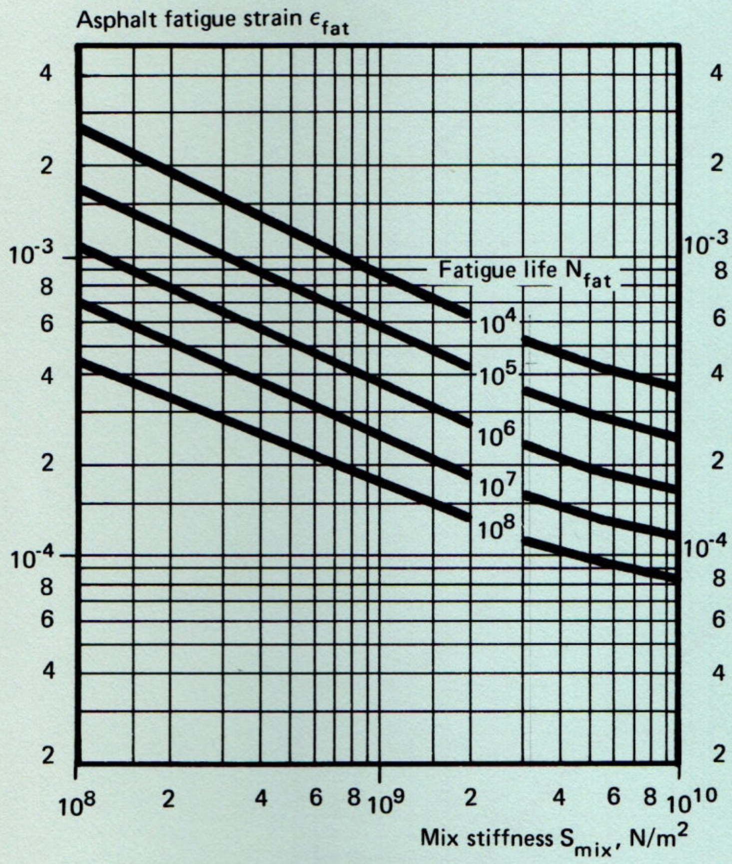


CHART M-3

Asphalt fatigue characteristics F1

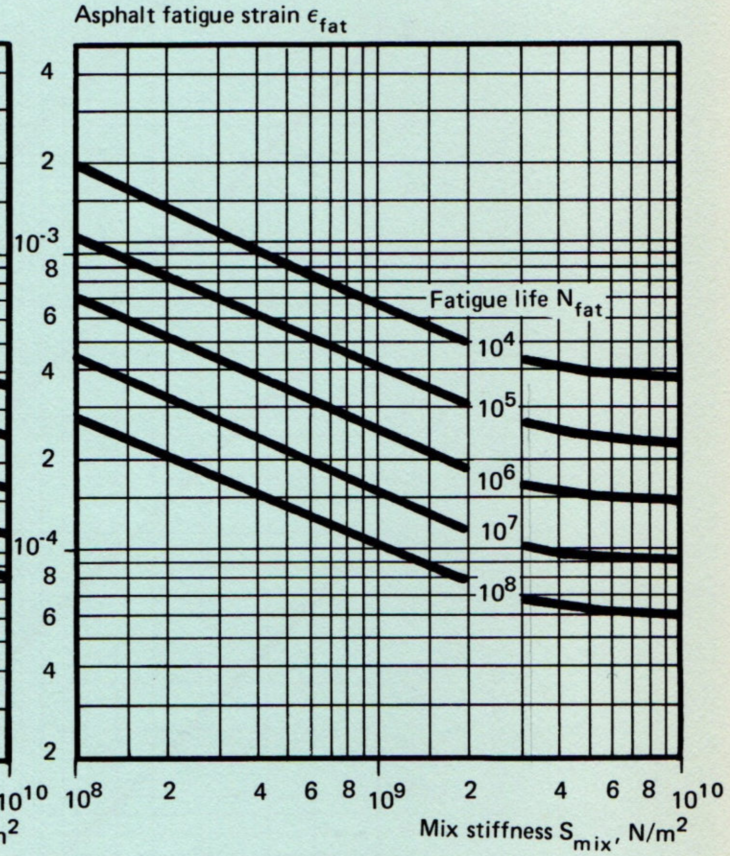


CHART M-4

Asphalt fatigue characteristics F2

Index to Charts HN

h_1 versus h_2: variable N

Subgrade modulus E_3, N/m²	w-MAAT, °C	Mix code							
		50 pen Bitumen				100 pen Bitumen			
		S1 - F1 - 50	S1 - F2 - 50	S2 - F1 - 50	S2 - F2 - 50	S1 - F1 - 100	S1 - F2 - 100	S2 - F1 - 100	S2 - F2 - 100
2.5×10^7	4	1	2	3	4	5	6	7	8
	12	9	10	11	12	13	14	15	16
	20	17	18	19	20	21	22	23	24
	28	25	26	27	28	29	30	31	32
5×10^7	4	33	34	35	36	37	38	39	40
	12	41	42	43	44	45	46	47	48
	20	49	50	51	52	53	54	55	56
	28	57	58	59	60	61	62	63	64
10^8	4	65	66	67	68	69	70	71	72
	12	73	74	75	76	77	78	79	80
	20	81	82	83	84	85	86	87	88
	28	89	90	91	92	93	94	95	96
2×10^8	4	97	98	99	100	101	102	103	104
	12	105	106	107	108	109	110	111	112
	20	113	114	115	116	117	118	119	120
	28	121	122	123	124	125	126	127	128