

TABLE 1: ISRAELI CLIMATE CONDITIONS

MAXIMUM WORK TEMPERATURE (°C)	70
MINIMUM WORK TEMPERATURE (°C)	-5
HUMIDITY	UP TO 95%
HEIGHT (m)	(-400) - 800
SUNSHINE HOURS PER YEAR	3300
UV RADIATION PER YEAR (MJ/m ²)	300 - 600
RAINFALL PER YEAR (mm)	400 - 800

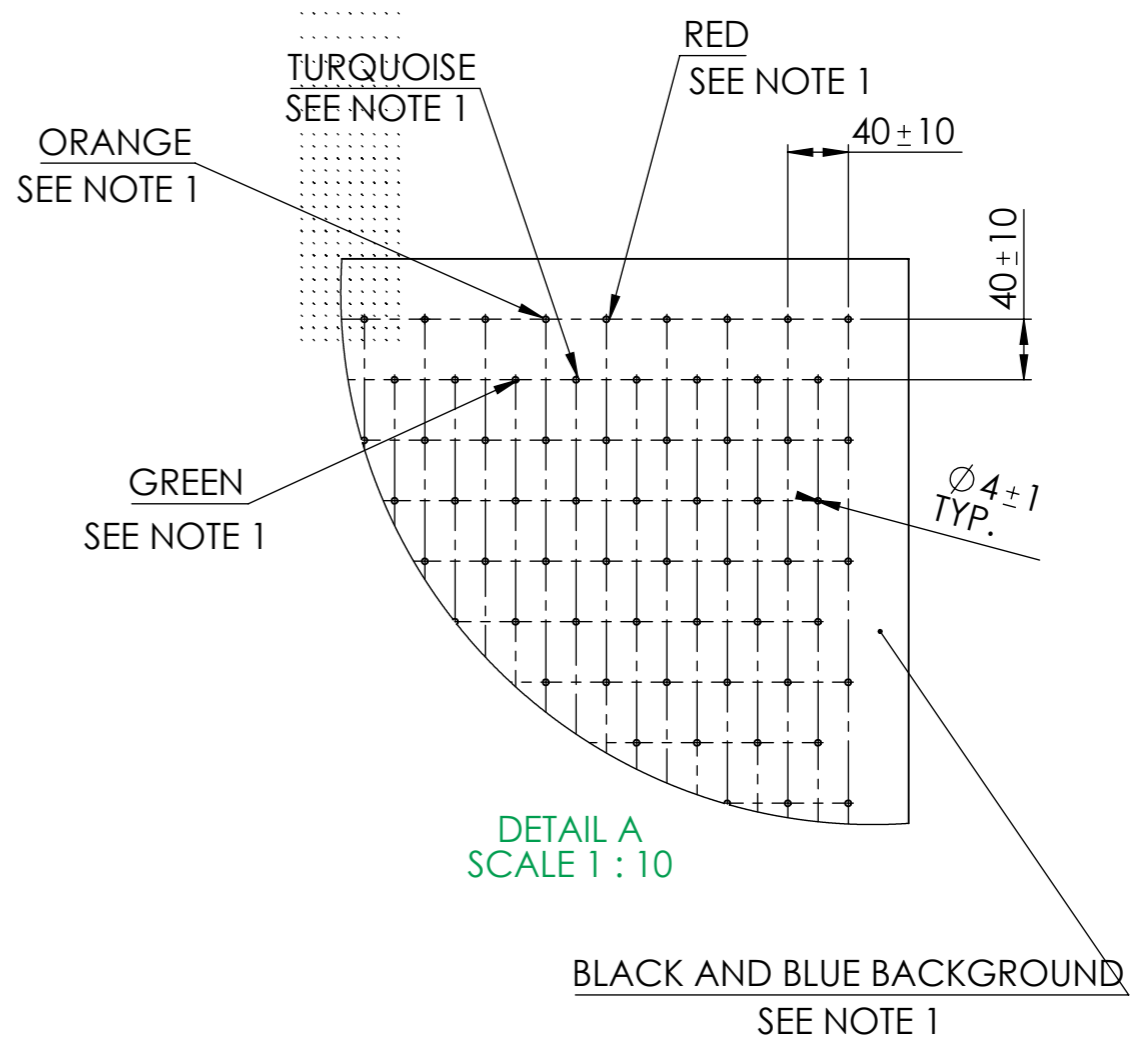
TABLE 2: TECHNICAL REQUIREMENTS

Criteria	Standard	Accepted Values
Face yarn	---	97 ÷ 100% polyamide
Yarn count	---	2/50 ± 7.5%
Wires	---	215/m ± 5%
Tuft density	---	992/100cm ² ± 5%
Finished carpet total weight	---	2200 ÷ 3000g/m ²
Electrical resistance	ISO 10965	> 10 ⁹ Ω
Impact noise reduction	EN ISO 717-2	ΔL _w = approx. 25 - 32dB
Slip resistance	EN13893	μ ≥ 0.3
Body voltage	ISO6356	< 2kV
Thermal resistance	ISO8302	0.09 - 0.14m ² K/W
Flammability Test Results:		
Tested flammability standard	EN45545-2 DIN EN ISO 9239-1	HL2/HL3
Smoke density	EN45545-2 DIN EN ISO 5659-2	Ds _{max} = 272
Conventional Index of Toxicity	EN45545-2 DIN EN ISO 5659-2	CIT _G = 0.75

NOTE 1:
THE DESCRIBED INTERNAL DESIGN IS FOR REF. ONLY
EXACT COLORS AND TEXTURE WILL BE OBTAINED FROM A SAMPLE THAT WILL BE PROVIDED FROM "ISRAEL RAILWAYS LTD."

CONFIDENTIAL INFORMATION
THIS DOCUMENT CONTAINS DRAWINGS SPECIFICATIONS & OTHER PROPRIETARY TECHNICAL INFORMATION BELONGING TO ISRAEL RAILWAYS LTD.
MAY NOT BE USED WITHOUT WRITTEN AUTHORISATION

REVISIONS				
REV	DESCRIPTION	ECO-NO	ID/SIGNATURE	DATE
A				



MATERIAL	CAT NO.	DIM		
	QTY 1	UM		
TOLERANCES, UNLESS OTHERWISE SPECIFIED:	DESIGNED	ID/SIGNATURE	DATE	PROCESS/TREATMENT
	CHECKED	Yuval.C	28.04.2021	
	Q.A.			
	APPROVED			
	TITLE		I.S.R Catalog Number	
	TCDD CARPET MODEL ISR 2		m.03.0000.000101	
	SURFACE TEXTURE	SCALE	CLASS	SIZE
		1:100	5	A3
			DRAWING NO.	REV
				1 1