

Coated Coils Condensing Units

The complete line up of MOC-MOH condensing units is available with corrosion resistant coated coils.

These are suitable for installations requiring extra corrosion resistance such as seaside locations, for example.

The model range is identified by K in the nomenclature, for example MOC12N15K.

Details of the coil coating material and other anti corrosive characteristics of the units follow.

The Coil Coating material is a blue color, organic material that is tested to 1,000 hours (JIS Z 2371 1994). The aluminum is precoated by the supplier.

All York mini split condensing units are made from Electro Galvanized (EG) and Hot Dip Galvanized Steel (GI). The coated steel materials are zinc coated (galvanized) and manufactured to ASTM A-924 and ASTM 653 standards. Painted parts pass through several phases of pretreatment and are then powder painted, before a final baking process at 200° C for 10 minutes.

Powder painted parts are certified for 500 hours of salt spray testing according to TIS standard edition 42. In process testing follows DIN 53151 and ISO 2409 standards for coating thickness and cross cut.

Minimum order quantities may apply.

ALCOM NIKKEI - COIL COATING SPECIFICATION			
		Layer	NA540
ORGANIC TYPE		UNDERCOAT	Epoxy Based max 1.0; 1.4 - 1.7
		TOPCOAT	Reain-Celullose max 0.2; 0.2 - 0.3
TEST ITEM		TEST METHOD	
ADHERENCE	Tape Delamination after cross-cut	1 mm MESHES CROSS-CUT TAPE PEEL-OFF	PASSED
	ERICKSEN	5 mm DEPTH BY ERICKSEN	PASSED
	BENDING	OT BENDING	PASSED
CORROSION RESISTANT	SALT SPRAY JIS-Z-2371-1994	(500 HRS) Neutral SST	9.8
		(1000 HRS) Neutral SST	9.8
	HUMIDITY TEST	50 C x 98% x RH 30 days9.8	9.8
INITIAL HYDROPHILICITY	NO OIL	SPREAD DIAMETER	11.0
	AF-2C	10 l water droplet by micronipette n = 20	8.5
	RF-190		8.0
RETAINED HYDROPHILICITY	NO OIL	SPREAD DIAMETER	7.5
	AF-2C	10 l water droplet by flow water dripping n = 20	7
	RF-190		6.5
HEAT RESISTANT	200 C x 50 MIN	NO DISCOLOURATION	PASSED
	300 C x 50 MIN		PASSED
	BLOW TORCH		Browriah
PRESS OIL RESISTANT	Dipping in press oil for 24 hours	AF-2C	PASSED
		RF-190	PASSED
ALKALI RESISTANT	Dipping in Alkali solution for 24 hours	Measure no colour change	PASSED
SMELL FROM COATED LAYER	Sensitive smell By small panel	(1) No smell - (5) Strong smell	2
DRY - WET RUBBING	10 x with water	NO PEELING OFF	PASSED