



60-270



- High performance
- Solvent free
- Odourless
- Variable embedment depths
- Easy extrusion

Product Data

The Rawl R-KEM (300ml) cartridge is a high performance, two component, mix in the nozzle, methacrylate resin system for structural applications. The resin is odourless and styrene free. Rawl R-KEM is suitable for anchoring threaded rod, reinforcing bars or internally threaded sockets into solid concrete and other solid or hollow masonry structures.

When used in hollow structures, eg. hollow pre-cast concrete beams, perforated brickwork and hollow blockwork, a mesh sleeve must be inserted into the hole prior to the resin being pumped in and the stud or socket being inserted.

The sleeve holds the resin in position until curing has taken place.

Note:

R-KEM is suitable for overhead applications and can be used in the standard mastic or professional gun.

Typical Applications:

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|------------------|--------------------|
| Structural Steel | Barriers |
| Starter Bars | Cladding Restraint |
| Masonry Support | Curtain Walling |
| Fencing | |

Cartridge & Stud Data

STUD THREAD SIZE (mm)	STUD OVERALL LENGTH (mm) (l)		WASHER DIAMETER (mm) (w)	MAXIMUM FIXTURE THICKNESS (mm) (T _{fix})		HOLE DIAMETER IN CONCRETE (mm) (d _c)	HOLE DIAMETER IN FIXTURE (mm) (d _f)	HOLE DEPTH IN CONCRETE (mm) (h _c)	RECOMMENDED TORQUE IN CONCRETE (Nm) (T _{inst})	STUD PRODUCT CODES		NO. OF HOLES PER 300ml CARTRIDGE
	ZINC PLATED	ST. STEEL		ZINC PLATED	ST. STEEL					ZINC PLATED	ST. STEEL GRADE 303 (A2)	
M8	110		17	17		10	9	80	11	60-708	60-906	66
M10	130		21	28		12	11	90	22	60-710	60-911	48
M12	160		24	36		14	13	110	38	60-712	60-916	33
M16	190		30	42		18	17	125	95	60-716	60-921	22
M20	260	240	37	90	70	24	22	145	150	60-720	60-926	6
M24	295		44	85		28	26	180	200	60-724	60-931	5

R-KEM Curing Times

TEMPERATURE °C	GEL TIME	CURE TIME
30	3 mins	25 mins
20	7 mins	50 mins
10	22 mins	150 mins
5	30 mins	200 mins