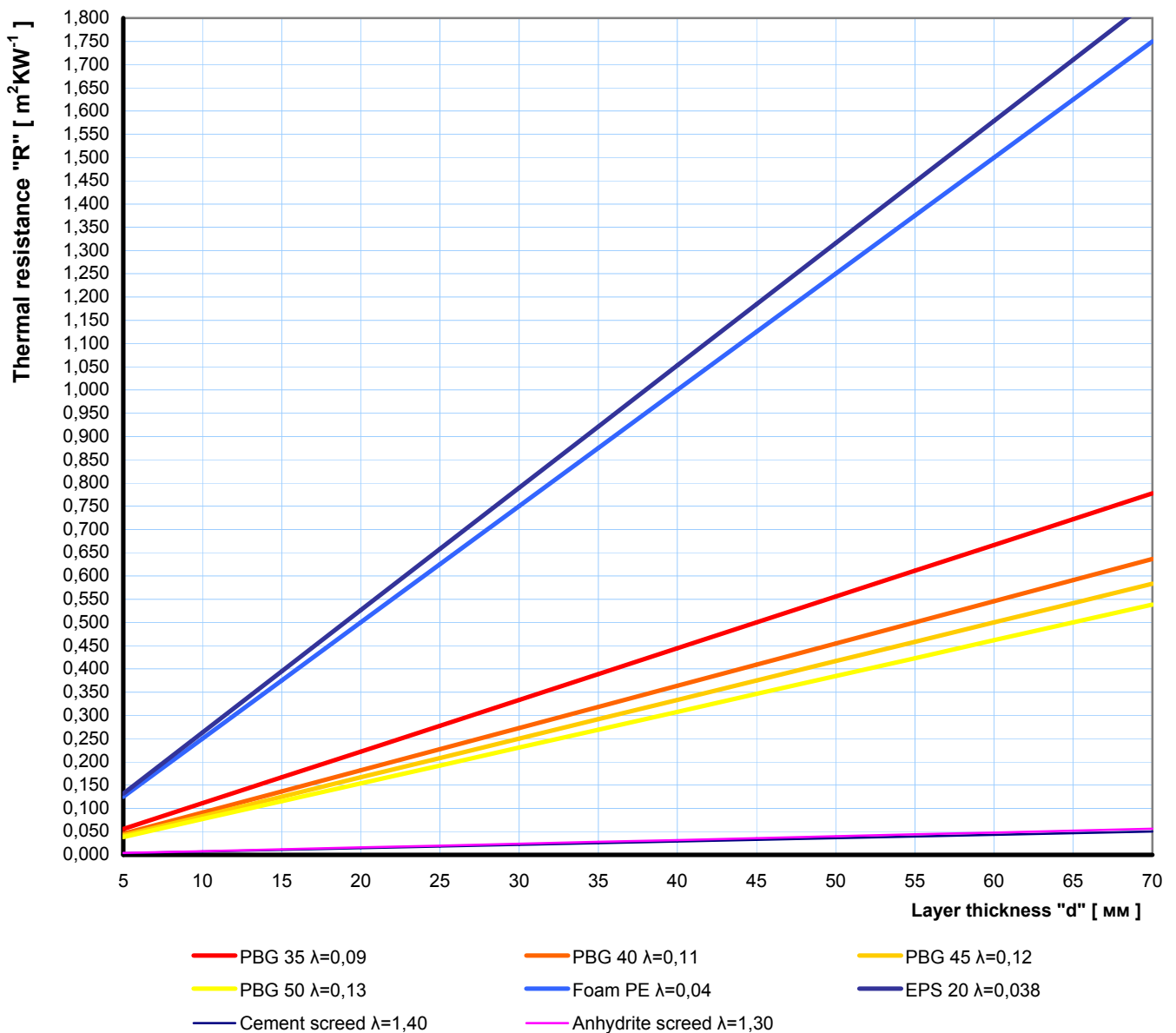


**Relation of thermal resistance "R" and layer thickness "d" for materials
used in SIRCONTEC floor composition
relationship $R = d^* / \lambda$**



Calculation of heat transfer coefficient "U" for complete floor composition (except for bearing slab):

$$U = \frac{1}{R_1 + R_2 + R_3} \quad [W \ m^{-2} \ K^{-1}]$$

R_1, R_2, \dots thermal resistance values for respective floor layers - see above graph

Notes:

- * - for calculation give layer thickness "d" in metres
- ** - thermal conductivity coefficient values stand for dry foam concrete, see DS No. 115

Valid: from 1.11.2008