

# DIN EN 15318:2008-01 (E)

## Design and application of gypsum blocks

---

<b>Contents</b>		<b>Page</b>
Foreword .....		3
<b>1</b>	<b>Scope .....</b>	<b>4</b>
<b>2</b>	<b>Normative references .....</b>	<b>4</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>5</b>
<b>4</b>	<b>Design .....</b>	<b>6</b>
4.1	General .....	6
4.2	Materials .....	6
4.3	Structure and Functions .....	6
4.3.1	General .....	6
4.3.2	Dividing or separating partitions .....	7
4.3.3	Backing partitions .....	7
4.3.4	Ducts .....	7
4.3.5	Lining of posts .....	7
4.4	Specific structural requirements .....	7
4.4.1	General .....	7
4.4.2	Damp rooms .....	7
4.4.3	Walls exposed to impacts .....	8
4.4.4	Safety in the event of fire .....	8
4.4.5	Protection against noise .....	8
4.4.6	Overhanging partitions .....	8
4.5	Requirements .....	8
4.5.1	Mechanical strength and stability .....	8
4.5.2	Fire behaviour .....	8
4.5.3	Safety in use .....	9
4.5.4	Noise protection .....	11
4.5.5	Energy saving and thermal insulation: thermal resistance of structures .....	12
Bibliography .....		14